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EYE, EAR, NOSE AND THROAT INSTRUMENTS

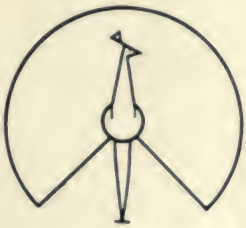
PFAU'S AMERICAN INSTRUMENT CO.
2 and 4 EAST 23rd STREET
NEW YORK

No. 191

M Eye
P

Pfau's American Instrument Co.

Eye, Ear, Nose and Throat Instruments



Illustrated Catalog

#62535
2.6.47

PFAU'S AMERICAN INSTRUMENT CO.
2 and 4 EAST 23rd STREET
NEW YORK

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Section "C"

Eye Ear Nasal

Dermal Oral

Tonsil

Tracheal Laryngeal

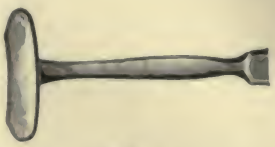
Esophageal

Stomach Intestinal

Gall Bladder

C-10

C-30



C-40

C-36

C-37

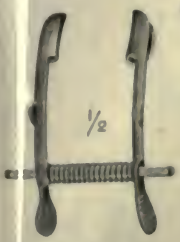
C-38

Condensing Lenses, Illuminators, Ophthalmoscopes and Retinoscopes

*C- 5 Condensing Lens, 2 inches, hard rubber rim, 13 dioptar.
*C- 6 Condensing Lens, double, 13 and 20 dioptar.
*C- 7 Condensing Lens, with metal rim and handle.
*C- 8 **Dr. Berger's** Loupe with metal head band.
*C- 9 **Dr. Berger's** Loupe with webbing head band.
C-10 Ocular Transilluminator, **E.S.I.Co.**
*C-11 Ophthalmoscope, **Loring's**, 19 lens.
*C-12 Ophthalmoscope, **Loring's**, electrical, with mirror, in case.
*C-13 Ophthalmoscope, **Morton's**, electrical, with mirror, on battery handle.
*C-14 Retinoscope Mirror, plain or concave, 1½ inches, regular handle.
*C-15 Retinoscope Mirror, plain or concave, 1½ inches, folding handle.
*C-16 Retinoscope Mirror, **Thorington's**, ¾ inch.
*C-17 Retinoscope Mirror, **Thorington's**, ¾ inch, with folding cover.
*C-18 Retinoscope, electrical, on battery handle, in case.
*C-19 Retinoscope and Ophthalmoscope, electrical, on battery handle, in case.
*C-20 Asbestos Chimney, with iris diaphragm.

Eyelid Retractors

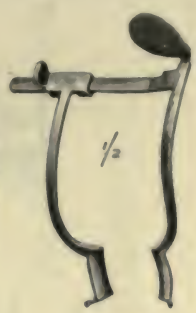
C-30 **Desmarre's**, 4 sizes.
*C-35 **Fisher's**, lid hook, double, latest model.
C-36 **Fisher's**, fenestrated, flexible for shaping.
C-37 **Fisher's**, solid, flexible for shaping.
C-38 **Fisher's**, for lower lid.
C-40 **Ziegler's**, one size.

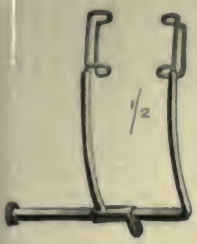

C-50

C-60

C-65

C-75


C-80


C-85

C-95

C-110

C-115

C-135

Eye Specula

C- 50 **Beard's**, solid blades, non-magnetic.
*C- 55 **Brand's**, with swivel blades.
C- 60 **Critchet's**.
C- 65 **Fox's**, with open or closed blades.
*C- 70 **Graefe's**, plain.
C- 75 **Major Smith's**, nickel-plated or gold-plated.
C- 80 **Monosmith's**, non-magnetic.
C- 85 **Murdoch's**, steel.
*C- 90 **Noyes'**, improved, with screw.
C- 95 **Pana's**.
*C-100 Plain, wire.
*C-105 **Weber's**, for either eye.
C-110 **Weeks'**.
C-115 **Ziegler's**, latest pattern.

Lachrymal Sac Retractors and Tendon Tuckers

C-130 **Mueller's** Lachrymal Sac Retractor.
C-135 **Clark-Bruns** Tendon Tucker.
C-140 **Todd's** Tendon Tucker.

Lid Plates and Strabismometer

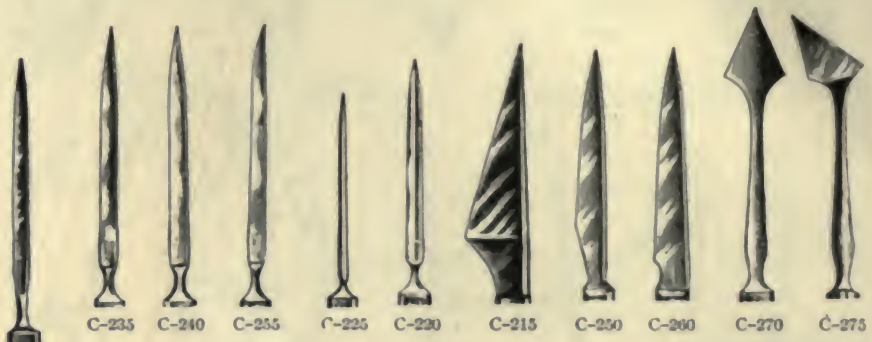
*C-145 **Jaeger's** Lid Plate, hard rubber.
*C-146 **Jaeger's** Lid Plate, ivory.
*C-150 **Lawrence's** Strabismometer.

C-130

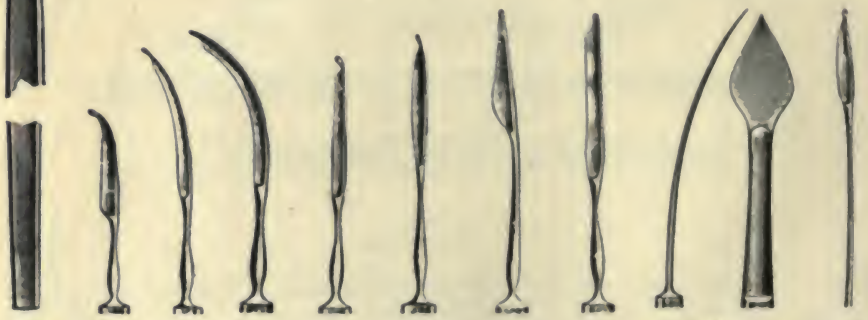
C-140

Eye Instruments

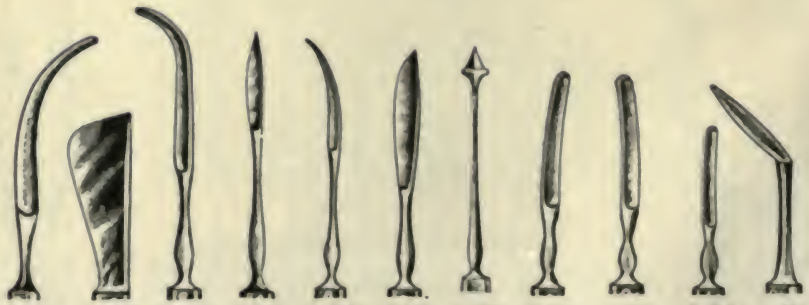
Box for Holding Eye Instruments



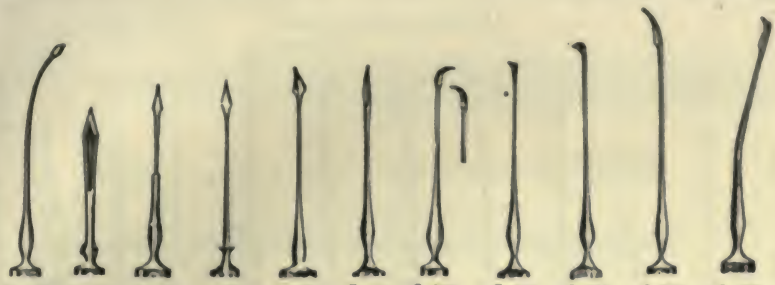
C-235 C-240 C-255 C-225 C-220 C-215 C-250 C-260 C-270 C-275



C-230 C-180 C-170 C-210 C-195 C-200 C-185 C-175 C-280 C-160



C-325 C-370 C-320 C-380 C-165 C-375 C-470 C-410 C-415 B-425 C-330



C-525 C-440 C-450 C-435 C-430 C-455 C-350 C-315 C-290 C-355 C-310

Eye Instruments

Canalicula Knives

C-160 **Agnew's.**
C-165 **Bowman's,** sharp.
C-170 **Bowman's,** probe point.
C-175 **Noyes'.**
C-180 **Noyes'-Stilling's.**
C-185 **Schmidt-Rimpler's.**
*C-190 **Thomas'.**
C-195 **Weber's,** straight.
C-200 **Weber's,** straight English pattern.
*C-205 **Weber's,** half curved.
C-210 **Weber's,** full curved.

Cataract Knives

C-215 **Beer's,** 3 sizes.
C-220 **Deutschmann's.**
C-225 **Graefe's,** delicate.
C-230 **Graefe's,** small.
C-235 **Graefe's,** medium.
C-240 **Graefe's,** large.
C-245 **Green's,** for Indian operation.
C-250 **Jackson's.**
C-255 **Knapp's.**
C-260 **Monoyer's.**
*C-265 **Schweigger's.**

Keratomes

C-270 **Jaeger's,** straight, 3 sizes.
C-275 **Jaeger's,** angular, 3 sizes.
C-280 **Landolt's,** curved.
*C-285 **Lichtenberg's,** angular, probe.

Cystotomes

C-290 **Beard's.**
*C-295 **Graefe's.**
*C-300 **Graefe's,** right.
*C-305 **Graefe's,** left.
C-310 **Knapp's.**
C-315 **Wilder's.**

Enucleation Knives

C-320 **Monosmith's.**

Excentration Knives

C-325 **Beard's,** knife spatula.

Iridectomy Knives

C-330 **Agnew's.**
*C-335 **Critchet's.**

Iris Knives

*C-340 **Adams'.**
*C-345 Double-edged.
C-350 **Graefe's.**
C-355 **Hayes'.**
*C-360 **Sichel's.**
*C-365 Single-edge, with stop.

Lid Knives

C-370 **Beard's.**

Scalpels

C-375 Bellied, 3 sizes.
C-380 Center point, 3 sizes.

Scarifiers

*C-385 **Desmarre's.**
*C-390 **Graefe's.**

Scleratomes

*C-395 **DeWecker's.**
*C-400 **Galezowski's.**

Secondary Knives

*C-405 **Blake's,** straight.
C-410 Concaved edge.
C-415 Convexed edge.
*C-420 **Galezowski's.**
C-425 Straight edge.

Cataract Needles

C-430 Curved.
C-435 Straight.
C-440 **Walton's,** grooved.

Iris Needles

*C-445 **Beer's,** straight.
C-450 **Bowman's,** with stop.
C-455 **Knapp's** Knife Needle.
*C-460 **Knapp's** Knife Needle, with stop.
*C-465 **Zirn's.**

Paracentesis Needles

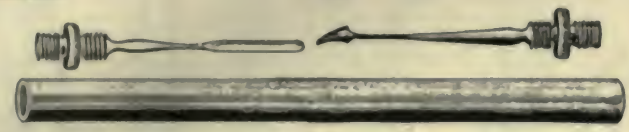
C-470 **Desmarre's,** straight.
*C-475 Plain.

Suture Needles

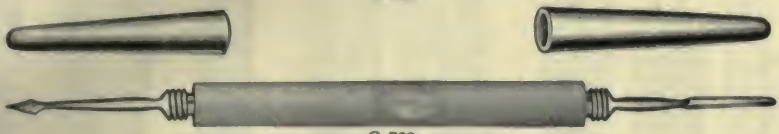
*C-480 **Delaroza's.**
*C-485 **Himley's.**
*C-490 **Prince's.**

Eye Instruments

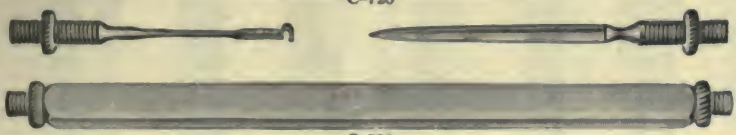
C-710



C-715



C-720



C-730

Eye Instruments

Tattooing Needles

*C-495 **Agnew's.**
*C-500 **Baeder's.**
C-501 **Baeder's,** with spatula.
C-505 **DeWecker's,** with spatula.

Gouges

*C-510 **Kuhnt's.**
*C-515 **Todd's,** triangular point.
C-520 **Walton's.**

Probes

*C-525 **DeWecker's.**

Scoops

C-530 **Arlt's,** fenestrated.
C-535 **Bunge's,** excentration.
C-540 **Critchett's,** serrated.
C-545 **Daviel's.**
C-550 **Graefe's,** hard rubber.
*C-555 **Graefe's,** shell.
C-560 **Knapp's,** silver.
C-565 **Lewis',** fenestrated.
C-570 **Prince's,** fenestrated cataract retractor.
*C-575 **Schmidt-Rimpler's.**
C-580 Shell, lens, curved.
C-585 **Waldau's,** silver.
C-590 **Well's,** enucleation.
C-595 **Wilder's,** fenestrated.

Curettes

C-600 **Daviel's,** chalazion.
C-605 **Hebra's,** chalazion.
C-610 **Meyerhoeffer's,** chalazion.
C-615 **Skeel's,** chalazion.
C-620 **Wheeler's,** corneal.

Hooks

*C-622 Corelysis, **Fox's,** double.
C-623 Cystotome, **Fox's,** double.
C-625 Fixation, **Guthrie's.**
*C-630 Foreign body, **Graefe's.**
*C-635 Iris, angular.
C-640 Iris, **Tyrell's,** blunt.
*C-645 Iris, **Tyrell's,** sharp.
C-650 Lens, **Graefe's,** retractor.
C-652 Lid Retractor, **Smith-Green's.**
C-654 Pressure, **Smith-Green's.**
C-655 Pterygium, **Prince's.**
C-660 Strabismus, **Graefe's,** 3 sizes.
*C-665 Strabismus, sharp.
C-670 Tendon, **Stevens'.**
C-675 Traction, **Stevens'.**

Spatulas

C-680 Flexible, silver.
C-685 Flexible, shell.
*C-687 **Fox's,** Corelysis, double.
C-690 **Daviel's,** silver.
C-695 **Green's,** with pressure probe.
C-697 **Smith-Green's,** double.

Spuds

C-700 **Dix's.**
C-705 **Wheeler's,** same as C-620.
C-710 Illuminated Spud and Needle **E.S.I.Co.**

Double Eye Instruments

C-715 **Dix's** Spud and Needle, reversible.
C-720 **Dix's** Spud and Needle, in round handle, with caps.
*C-725 **Graefe's** Knife and **Dix's** Spud reversible.
C-730 **Graefe's** Knife and **Wheeler's** Corneal Spud, reversible.

C-785 C-750 C-815 C-775 C-805 C-770 C-810 C-795

C-760

Eye Forceps

Advancement

C-750 **Fisher's.**
*C-755 **Hotz's,** slide catch.
C-760 **Prince's.**
C-765 **Reese's.**

Capsular

C-770 **Fisher's.**
C-775 **Foerster's.**
*C-780 **Francis',** 4 and 4 teeth.
C-785 **Fuch's,** Vienna pattern.
*C-790 **Knapp's,** original pattern.
C-795 **Knapp's,** improved pattern.
*C-800 **Mathieu's,** for use in Indian operation.
C-805 **Schweigger's.**
C-810 **Smith's.**
C-815 **Terson's.**

C-765

C-830 C-835 C-840 C-845 C-855 C-880 C-885

C-900

Eye Forceps

Chalazion

C-830 **Ayer's.**
C-835 **Francis'.**
C-840 **Hunt's.**
C-845 **Lambert's.**
C-855 **Spencer's,** slide catch.
*C-860 **Starkey's.**
*C-865 **Wilder's,** clamp.

Entropium

*C-870 Cross Bar.
*C-875 **Denis'.**
C-880 **Desmarre's.**
C-885 **Desmarre's,** slide catch.
*C-890 **Knapp's,** right and left.
*C-895 **Noyes',** right and left.
C-900 **Prout's,** reversible, for right or left.
C-905 **Snellen's,** right and left.
*C-910 **Wilder's.**
C-915 **Ziegler's.**

Enucleation

*C-920 **Blitz's.**
*C-925 Vulsellum, straight.

Lid

*C-930 Beard's.
*C-935 Fisher's.
*C-940 Kuhnt's.

C-905

C-915

C-945 C-955 C-970 C-965 C-980 C-990 C-1055 C-1015 C-1035

C-1040 C-1020

Eye Forceps

Cilia

C-945 **Douglass'.**
*C-950 Fine, broad points.
C-955 Fine, narrow points.
*C-960 **Henry's.**
C-965 **Piffard's.**
C-970 **Ziegler's.**

Dressing

C-980 Straight, serrated points.
*C-985 Curved, serrated points
C-990 Full curved, serrated points.
*C-995 Non-magnetic, for use with eye magnet.

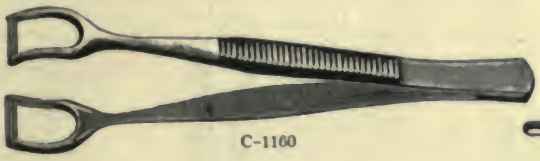
Fixation

*C-1000 **Barr's.**
*C-1005 **Dudley's.**
*C-1010 **Ewing's.**
C-1015 **Gifford's.**
C-1020 **Graefe's.**
*C-1025 **Greene's,** for Indian operation, 1 and 2 teeth, 2 and 3 teeth.
*C-1027 **Fox's.**
C-1030 **Harmon's,** 3 inches long.
C-1035 **Noyes',** curved, spring catch.
C-1040 Plain, straight.
*C-1045 Plain, curved.
*C-1050 **Schweigger's.**
C-1055 **Stevens'.**

C-1030

C-1090 C-1060 C-1065 C-1135 C-1105 C-1110 C-1145 C-1155 C-1175

C-1095



C-1160

Eye Forceps

Iris

C-1060	Straight, fine, mouse tooth points.	*C-1085	**Graefe's**, angular.
C-1065	Curved, fine, mouse tooth points.	C-1090	**Graefe's**, straight, very delicate, 2½ inches.
*C-1070	Full curved, fine, mouse tooth points.	C-1095	**Graefe's**, curved, very delicate, 2½ inches.
*C-1075	**Collin's**, curved.	*C-1100	**Liebrich's** improved pattern.
*C-1080	**Fisher's.**		

Strabismus

C-1105	Straight.	*C-1120	**Landolt's.**
C-1110	Curved.	*C-1125	Non-magnetic, tissue, for use with eye magnet.
*C-1115	Full curved.		

Suture

*C-1130	**Mule's.**

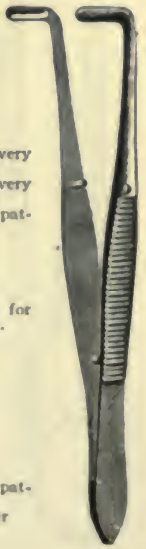
Tendon

C-1135	**Stevens'**, curved.	*C-1140	**Stevens'**, straight.

Trachoma

C-1145	**Falta's**, with 3 rollers, 2 perforated and 1 plain.	C-1160	**Knapp's**, improved pattern.
*C-1150	**Falta's**, probe for cleaning rollers.	C-1165	**Noyes'**, upper or lower
C-1155	**Knapp's**, original pattern.	C-1170	**Prince's.**
		C-1175	**Rust's**, angular.

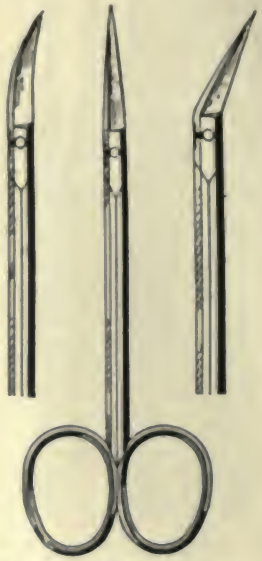
C-1170



C-1165

Eye Scissors

C-1200



C-1212 C-1210 C-1215

C-1220

C-1270

C-1251

C-1280

C-1300 C-1305 C-1310 C-1315 C-1320 C-1325

Eye Instruments—Eye Scissors

Enucleation

C-1200 Curved, blunt, heavy.
*C-1201 Curved, blunt, extra heavy.
*C-1205 **Fox**, curved, heavy.

Iris

C-1210 Straight, regular, sharp.
*C-1211 Straight, delicate, sharp.
C-1212 Curved, regular, sharp.
*C-1213 Curved, delicate, sharp.
C-1215 Angular, sharp.
*C-1216 Angular, 1 probe point.
C-1220 **DeWecker's.**

Lachrymal

*C-1225 **Arlt's.**
*C-1230 **Knapp's.**

Pterygium

*C-1235 **Chadwick's**, curved to the right.
*C-1236 **Chadwick's**, curved to the left.
*C-1237 **Chadwick's**, curved on flat.

Strabismus

*C-1240 Straight, heavy, sharp.
*C-1241 Straight, heavy, blunt.
*C-1245 Straight, **Bowman's**, 2 probe points.
*C-1250 Curved, heavy, sharp.
C-1251 Curved, heavy, blunt.
*C-1255 Curved, **Bowman's**, 2 probe points.
*C-1260 Angular, heavy, sharp.
*C-1265 Angular, **Maunoir's**, 2 probe points.

Suture

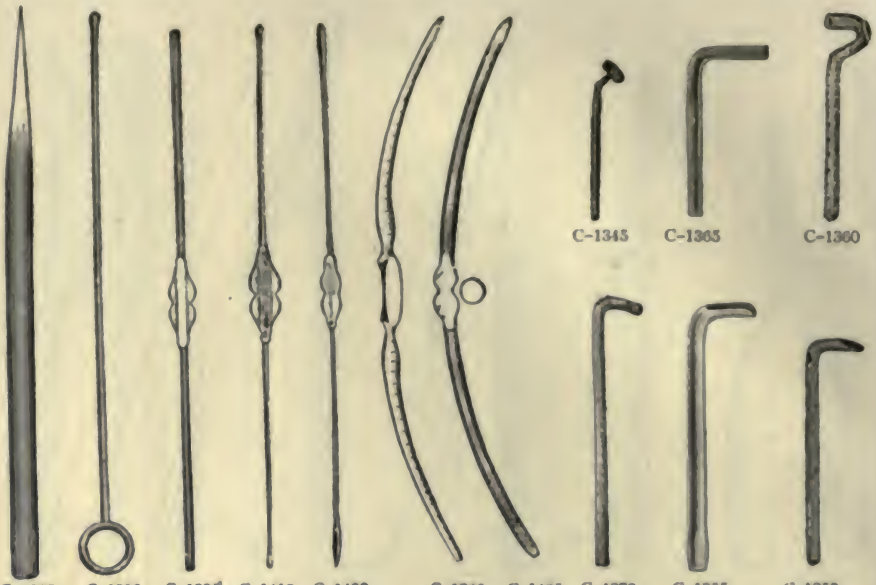
C-1270 **Stevens'**, stitch.

Tenotomy

C-1280 **Stevens'.**
*C-1285 **Westcott's**, spring handle.

Needle Holders

C-1300 **Boynton's.**
*C-1301 **Boynton's**, with **Richter** jaws.
C-1305 **Fisher's.**
C-1310 **Knapp's.**
*C-1315 **Richter's**, hook or straight handles.
C-1320 **Stevens'.**
C-1325 **Stevenson's.**



C-1430 C-1425

Eye Instruments

Aspirator

*C-1340 **Bowman's**, for soft cataract.

Canulae and Styles

C-1345 **Bowman's**, silver.
C-1350 **Bowman's**, silver.
C-1355 **Fox's**, silver.
*C-1356 **Fox's**, slotted, silver and gold.
C-1360 **Prince's**, silver, right and left.
C-1365 Style, silver, angular.
C-1370 **Taylor's**, silver.

Dilators

*C-1375 **Peck's**, silver, 2 sizes.
C-1380 **Weber's**, graduated, silver.
C-1385 **Wilder's**, conical.

Probes

C-1390 **Anel's**, silver.
C-1395 **Bowman's**, 8 sizes in set, plated or silver.
C-1400 **Hotz's**, 6 sizes, plated.
C-1405 **Theobold's**, 16 sizes in set, plated or silver.
C-1410 **Williams'**, 8 sizes in set, plated or silver.

Syringes, Lachrymal (see page 23)

Trephines, Corneal

C-1420 **Bowman's**, set of 3, 1, 1½ and 2 mm., in case.
C-1425 **Cross'**, 1½ and 2 mm.
C-1430 **Elliott's**, latest, in case.

C-1450

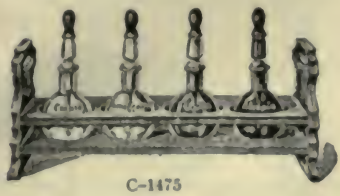
C-1455

C-1460

C-1490

C-1500

C-1501


C-1475

C-1465

C-1470

C-1480

C-1510

C-1485-1488

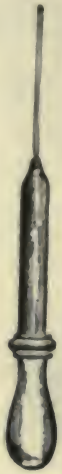
Sundries

C-1450 Bath, plain, glass.
C-1455 Bath, plain, glass, combined with bottle.
*C-1456 **De Vilbiss'** Eye Irrigator.
C-1460 Bath, **Schweigger's,** glass.
C-1465 Bottle, drop, ground stopper, 1 ounce, 2 ounces.
C-1470 Bottle, **Stroschein's,** single or per set of 4 with tripod.
C-1475 Bottle Stand, wood, for 4 **Stroschein's** bottles, stand only.
C-1480 Bottle, **Ziegler's,** boric acid wash.
C-1485 Caustic Pencil, alum cone.
C-1486 Caustic Pencil, sulphate of copper cone.
C-1487 Caustic Pencil, pyoktannin cone.
C-1488 Caustic Pencil, nitrate of silver cone.
C-1490 Cotton Reservoir, small size.
*C-1495 Coil, **Leiter's,** lead, for hot and cold applications.
C-1500 Dropper, glass, bulb end.
C-1501 Dropper, glass, curved, plain.
*C-1505 Dropper, **Dunn's.**
C-1510 Dropper, **Undine,** with stopper.

C-1520

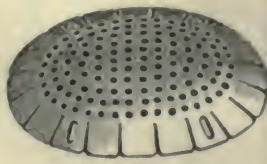
C-1525

C-1530



C-1535

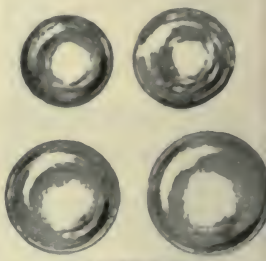
C-1532



C-1550

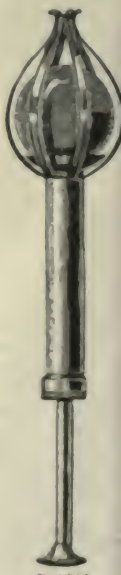
C-1540

C-1545



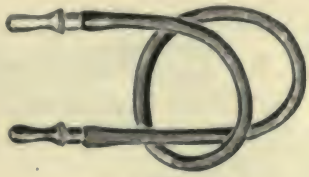
C-1555-1560

C-1515	Introducer, **Carter's**, for **Mule's** Vitreous spheres.
C-1520	Irrigator, **Gibson's**, for anterior chamber.
C-1525	Irrigator, **Todd's**, for anterior chamber.
C-1530	Irrigator, **Woodruff's**, for anterior chamber.
C-1532	Mask, **Ring's**, for cataract.
C-1535	Pipette, **Prince's**, silver tip, platinum tip.
C-1540	Shade, eye, single.
C-1545	Shade, eye, double.
C-1550	Shield, **Fox's**, aluminum.
C-1555	Spheres, **Mule's**, vitreous, 4 sizes.
C-1560	Sphere, **Mule's**, gold, hollow, 13, 14 and 15 mm.
*C-1565	Test Drum, with piece of fine, thin kid.

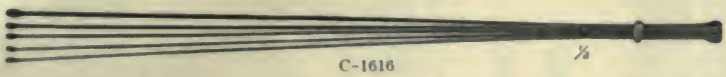


C-1515

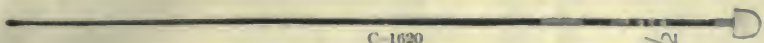
C-1610-1612



C-1650



C-1616



C-1620

C-1622

C-1645

C-1670

C-1630

C-1640

Ear Instruments

Acoumeters

*C-1600 **Barany's**, Lärm Apparatus.
*C-1602 **Bartlett's**.
*C-1604 **Politzer's**.

Air Bags

*C-1606 **Lenox-Brown's**.
C-1610 **Politzer's**, with valve, 4 ounces, 8 ounces, 12 ounces.
C-1612 **Politzer's**, without valve, 4 ounces, 8 ounces, 12 ounces.
*C-1614 Connecting tips for **Politzer Bags**, hard rubber.

Bougies

C-1616 **Urbanschitsch's**, celluloid, 6 sizes, set.
*C-1618 Whalebone, double end, 5 sizes in set.
C-1620 **Yankauer's**, graduated, 5 sizes, in bottle or single.
C-1622 **Yankauer's**, sounds, graduated, 5 sizes, in bottle or single.

Catheters

*C-1625 Hard Rubber, 6 sizes, each.
C-1630 **Hartman's**, 6 sizes, plated or silver.
*C-1635 **Herzfeld's**, spiral end.
C-1640 Plain, 6 sizes, plated or silver.
C-1645 **Weber-Liel's**, silk.

Diagnostic Tube

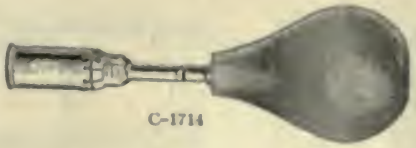
C-1650 **Toynbee's**, 3 feet long, hard rubber ear pieces.

Inhalers

*C-1655 **Buttle's**, hard rubber.
*C-1660 **Pomeroy's**, glass nozzle.
*C-1665 **Pynchon's**, hard rubber.

Masseurs

C-1670 **Delstanche's**.
*C-1675 **Delstanche's**, with 3 rings.
*C-1680 **Wigmore's**, for compressed air.

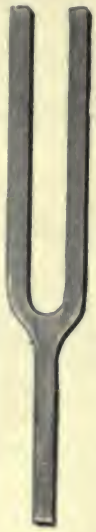


C-1714

C-1710

C-1704

C-1696



C-1700

C-1698

C-1690

C-1702

Ear Instruments

Tuning Forks

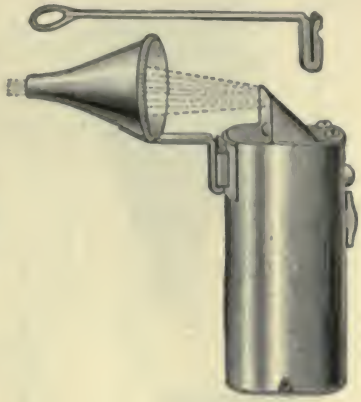
*C-1685	**Bezold's**, continuous tone series of tuning forks, consisting of 10 forks, 3 whistles, and 1 hammer, in case, complete.
C-1690	Plain, 4½ inches, A or C.
*C-1692	Fine, 6½ inches, C2, 512 vibrations.
*C-1694	**Dench's**, large, 26 to 64 vibrations.
C-1696	**Hartman's**, C, 128 vibrations.
C-1698	**Hartman's**, C1, 256 vibrations.
C-1700	**Hartman's**, C2, 512 vibrations.
C-1702	**Hartman's**, C3, 1,024 vibrations.
*C-1704	**Hartman's**, C4, 2,048 vibrations.
*C-1706	**Hartman's**, set of 5 in case.

Whistles

C-1710	**Bezold's.**
*C-1712	**Dench's.**
C-1714	**Galton's.**

C-1735

C-1740



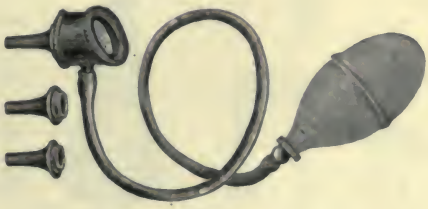
C-1742

C-1725

C-1741

C-1755

C-1745



C-1750

Ear Instruments

Otoscopes

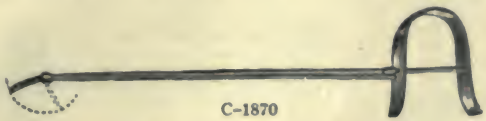
C-1725	**Burnett's,** with bulb.
*C-1730	**Carstens',** pocket electric, with tongue depressor, in case.
C-1735	**DeZeng's,** electric, pneumatic, in case.
C-1740	**E. S. I. Co.,** electric, pneumatic, with handle.
C-1741	**E. S. I. Co.,** electric, without handle.
C-1742	**Kalteyer's,** with tongue depressor, but without lens.
C-1743	**Kalteyer's,** with tongue depressor and lens, in case.
C-1745	**Pynchon's,** with bulb.
C-1750	**Siegel's,** with bulb, hard rubber or metal.
C-1755	**Simrock's.**

Ear Instruments

Specula

C-1750-a **Bonafont's,** bivalve.
C-1755 **Boucheron's,** set of 4, small, with or without case.
C-1756 **Boucheron's,** set of 4, large, without case only.
C-1760 **Brown's,** set of 3, plated, without case only.
C-1765 **Gruber's,** set of 4, hard rubber.
C-1766 **Gruber's,** set of 3, nickel-plated, silver-plated or silver, in case.
*C-1767 **Gruber's,** set of 4, nickel-plated, silver-plated or silver.
C-1770 **Kraemer's,** bivalve, 4 sizes, wrought metal.
C-1771 **Kraemer's,** bivalve, steel.
C-1775 **Toynbee's,** set of 3, hard rubber.
C-1776 **Toynbee's,** set of 3, nickel-plated, silver-plated or silver, in case.
*C-1780 **Wilde's,** set of 3, hard rubber.
C-1781 **Wilde's,** set of 3, nickel-plated, silver-plated or silver, in case.
*C-1782 **Wilde's,** set of 4, nickel-plated or silver-plated.

C-1795 C-1805 C-1800 C-1790 C-1815 C-1825 C-1830 C-1840 C-1841 C-1845 C-1847



C-1870

Ear Instruments

C-1850 C-1860

Applicators

C-1790 **Allen's,** screw or triangular.
C-1795 **Andrew's,** aluminum, straight or taper end, 3 sizes.
C-1800 **Brown's,** steel or copper.
C-1805 **Ivan's,** steel.
*C-1810 **Yankauer's,** graduated handle, for wire applicators.
*C-1811 **Yankauer's,** spiral wire applicators, eustachian, 1 dozen in glass tube.

Packers

C-1815 **Allport's,** gauze.
*C-1820 **Pierce's,** gauze.

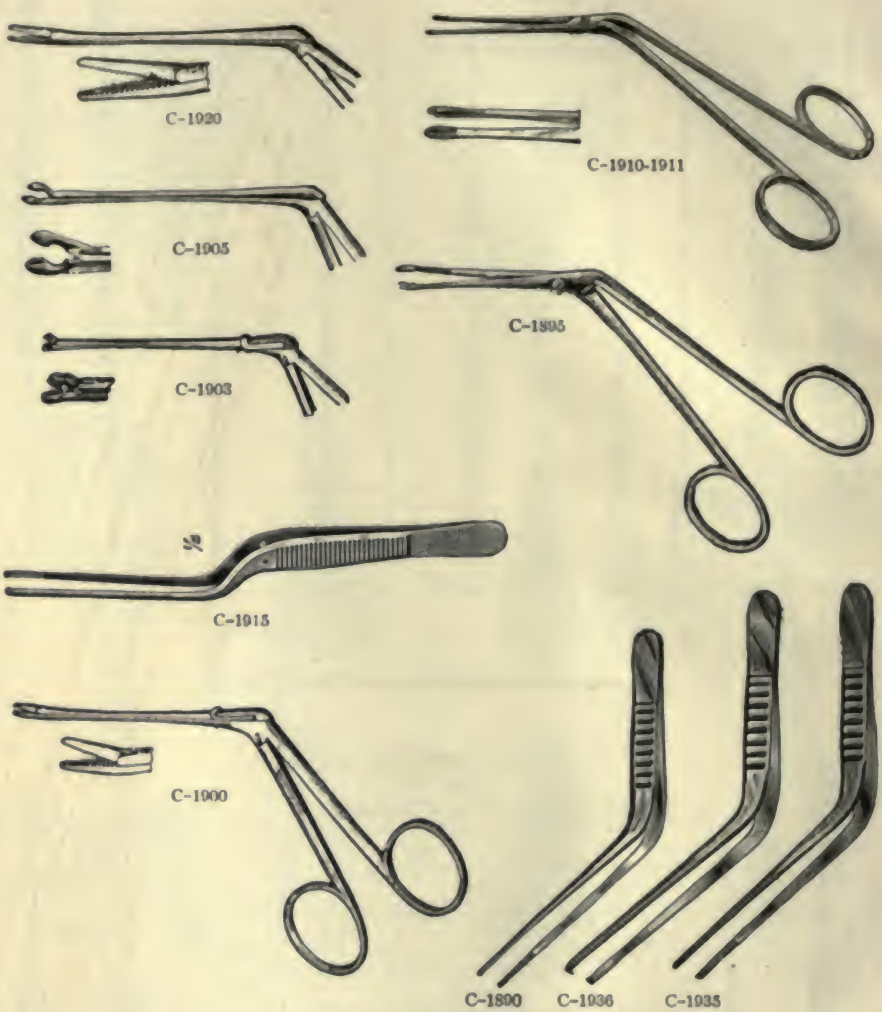
Probes

C-1825 **Buck's,** fine, silver.
C-1830 **Hotz's,** fine, silver.
C-1835 **Yankauer's.**

Curettes

C-1840 **Buck's,** dull, 3 sizes,
C-1841 **Buck's,** sharp, 3 sizes.
C-1845 **Gross',** with hook.
*C-1846 **Gross',** with spud.
C-1847 **Gross',** fenestrated, with hook.
C-1850 **Jansen's,** double ended.
*C-1855 **Sexton's,** double.
C-1860 **Speir's,** spiral.
C-1865 **Yankauer's,** eustachian or salpingeal, 3 sizes.
*C-1870 **Quire's,** foreign body instrument.

C-1835 C-1865



Ear Instruments

Ear Forceps

C-1890 **Blake's,** very delicate, serrated points.

C-1895 **Hartman's,** plain.

C-1900 **Hartman's,** alligator jaw, delicate, serrated.

*C-1901 **Hartman's,** alligator jaw, delicate, mouse tooth

*C-1902 **Hartman's,** alligator jaw, round, cutting, straight.

C-1903 **Hartman's,** alligator jaw, oval, cutting, straight.

*C-1904 **Hartman-Cittelli's,** alligator jaw, spoon, curved upward.

C-1905 **Hartman - Herzfeld's,** alligator jaw, spoon, straight.

C-1910 **Haslam's,** delicate, bent on edge.

C-1911 **Haslam's,** delicate, bent on flat.

C-1915 **Lucae's,** bayonet shape.

C-1920 **Noyes',** alligator jaw, serrated.

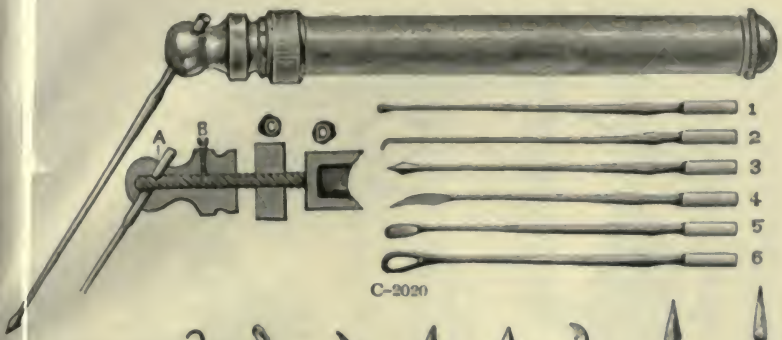
*C-1921 **Noyes',** alligator jaw, serrated with mouse teeth.

*C-1925 **Politzer's.**

*C-1930 **Pomeroy's.**

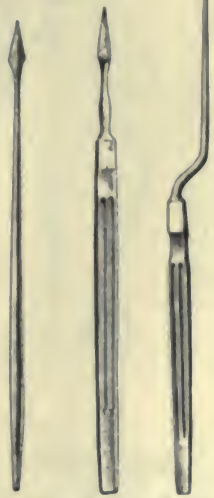
C-1935 **Wilde's,** serrated points.

C-1936 **Wilde's,** mouth tooth points.

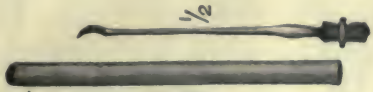


C-2020

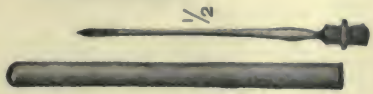
C-1955 C-1960 C-1965 C-1985 C-2005 C-1990



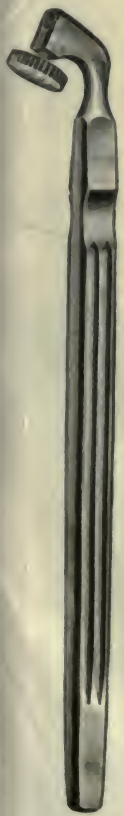
C-2000 C-1970 C-2010



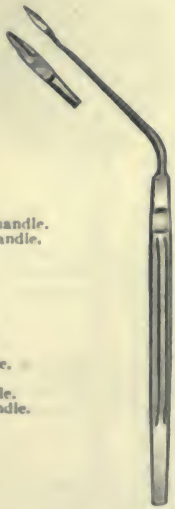
C-1980



C-1981



C-2015



C-1975

Ear Instruments

Hooks

*C-1950 **Allport's**, incus.
C-1955 **Hotz's**, sharp.

Knives

C-1960 Bistoury, curved, blunt, in permanent, or for universal handle.
C-1965 **Buck's**, curved, sharp, in permanent, or for universal handle.
C-1970 **Hartmann's**, furuncle knife.
C-1975 **Hayden's**, angular, double edged.
C-1980 **Royce's**, curved, in pencil handle.
C-1981 **Royce's**, straight, in pencil handle.
C-1985 **Sexton's**, sharp, in permanent, or for universal handle.

Perforators, Tympanum

C-1990 Angular, with stop, in permanent, or for universal handle.
*C-1995 **Lucae's**, bayonet shape.
*C-2000 **Politzer's**, angular, in permanent, or for universal handle.
C-2005 **Troeltsch's**, angular, in permanent, or for universal handle.
C-2010 **Williams'**, bayonet shape.
C-2015 **Universal Handle** with set screw.

Sets of Ear Instruments

C-2018 **Hennig's**, paracentesis set, in khaki case.
C-2020 **Sprague's**, with hollow handle to hold instruments.

C-2060

C-2046

C-2030

C-2040

C-2055

C-204

C-2070

C-2060

C-2065

C-2075-2076

Ear Instruments

Douches

C-2030 **Fowler's**, glass.
*C-2035 **Hewitt's**, for middle ear.
C-2040 **Lucae's.**

Snares

C-2045 **Blake's**, original.
C-2046 **Blake's**, improved.
C-2050 **Krause's**, extra small, for ear.

Spouts

C-2055 **Beck's**, ear drain.
C-2060 **Brown's.**
C-2065 **Hosmer's**, plain.
*C-2066 **Hosmer's**, with spring.

Syringes (see also pages 27 and 29)

C-2070 **Allport's.**
*C-2072 **Colburn's**, with middle ea canula only.
*C-2073 **Colburn's**, with middle ear an lachrymal canula.
C-2075 Ulcer and ear, soft rubber.
C-2076 Ulcer and ear, soft rubber, ounces.

Mastoid Instruments

Burrs

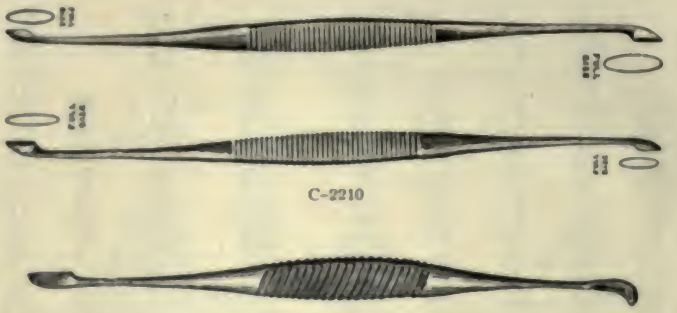
C-2090 Allport's, eustachian.
C-2095 Ballenger's, mastoid, 4 sizes.
*C-2100 Stucky's, eustachian.

Chisels

C-2105 Alexander's, 6¾ inches long, 6 sizes.
C-2110 Andrew's, 6 inches long, 2 sizes.
C-2115 Bishop's, 6¾ inches long, 3 sizes.
*C-2120 Down's, 3 sizes.
*C-2125 Hajek's, 4 sizes, 3, 6, 9 and 12 mm.
C-2130 Haslam's, 4 sizes, 3, 5, 7 and 9 mm.
C-2135 Schwartz's, 4 sizes.
*C-2140 Stacke's, bayonet shape, 1 size.
C-2145 Whiting's, 6 sizes.

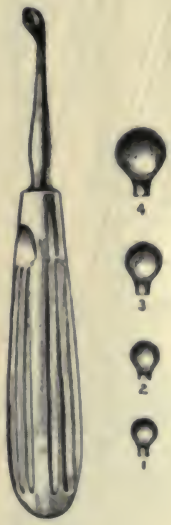
Gouges

C-2150 Alexander's, 6¾ inches long, 6 sizes.
C-2155 Allport's, 6¾ inches long, 6 sizes.
C-2160 Andrew's, 6 inches long, 2 sizes.
C-2165 Bishop's, 3 sizes.
*C-2170 Down's, 3 sizes.
*C-2175 Hajek's, 4 sizes, 3, 6, 9 and 12 mm.
C-2180 Haslam's, 4 sizes, 3, 5, 7 and 9 mm.
*C-2185 Randall's, with weighted handle.
C-2190 Schwartz's, 4 sizes.
*C-2195 Stacke's, curved, 3 sizes.
C-2200 Whiting's, 6 sizes.



C-2210

C-2220



C-2215

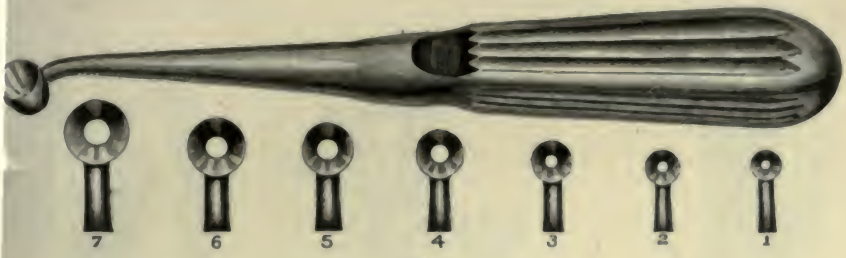
C-2225

C-2230

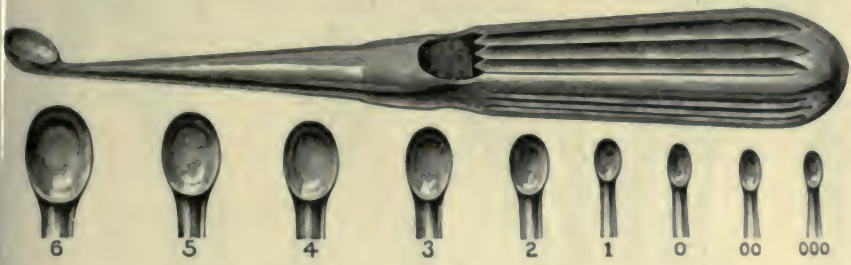
Mastoid Instruments

Curettes

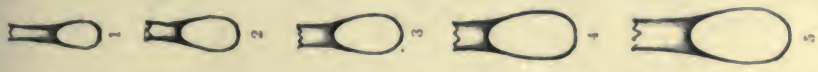
C-2210	**Barth's**, double end, 2 sizes.
C-2215	**Buck's**, round, 4 sizes.
*C-2216	**Buck's**, oval, 4 sizes.
C-2220	**Hardy's**, double end.
C-2225	**Green's**, 3 sizes.
C-2230	**McKernon's**, fenestrated, 4 sizes.



C-2240



C-2245



C-2250

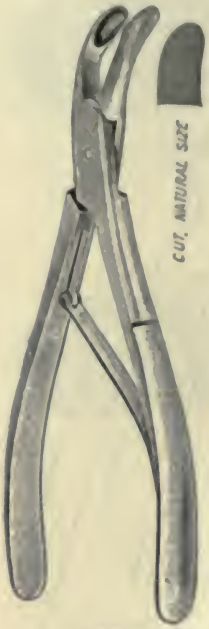
Mastoid Instruments

Curettes

*C-2235	**Politzer's,** round, fenestrated.
C-2240	**Richard's,** 7 sizes.
C-2245	**Spratt's,** 8 sizes.
C-2250	**Whiting's,** 5 sizes.

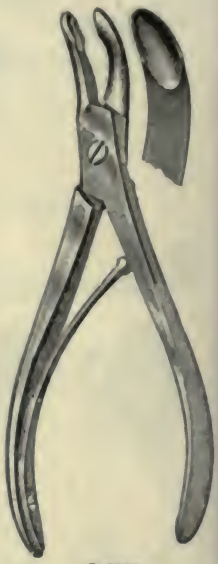
Mallets (see page 102)

*C-2255	**Fibre,** with metal handle, boilable.
*C-2260	**Forwood's,** bronze.
*C-2265	**Hajek's.**
*C-2270	Lead Mallet, small, flat faced.
*C-2275	**Morgan's,** bronze.
*C-2280	Plain, lead filled.
*C-2285	Rawhide, 2 sizes, small and large.

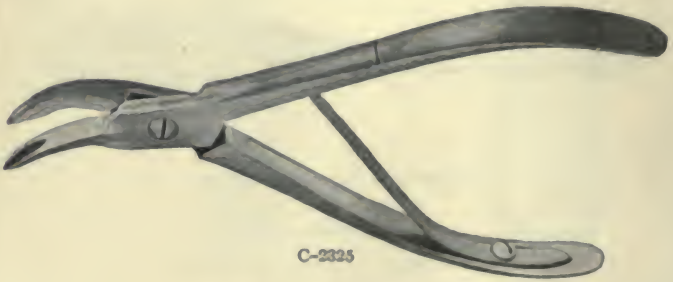


C-2300

C-2310



C-2320

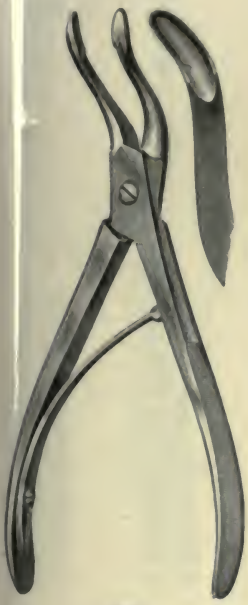


C-2325

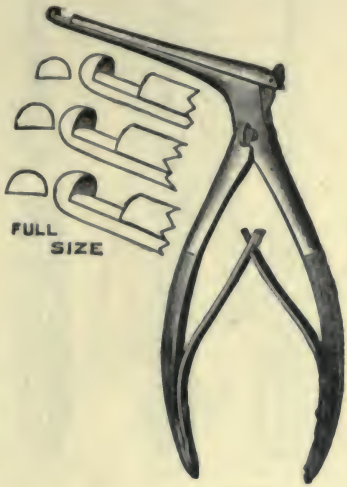
Mastoid Instruments

Mastoid Bone Gouging Forceps

C-2300 **Bane's.**
*C-2305 **Barnhill's.**
C-2310 **Citteli's.**
*C-2311 **Citteli's,** heavy.
C-2315 **Cozzolini-Allport's,** latest model.
C-2320 **Hartmann's,** curved.
C-2325 **Husk's.**



C-2330



C-2335

C-2345

C-2350

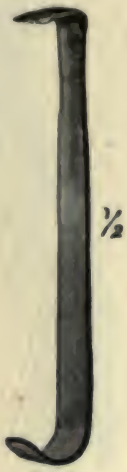
Mastoid Instruments

Mastoid Bone Gouging Forceps

C-2330	**Jansen's.**
C-2335	**Kerrison's, 3 sizes.**
*C-2340	**Lombard's.**
C-2345	**Lucae's.**
C-2350	**Pierce's,** mortise joint.
C-2355	**Whiting's.**
*C-2360	**Zaufal's,** curved.
*C-2361	**Zaufal's,** straight.

C-2355

C-2390


C-2395

C-2400

C-2410

C-2411

C-2415

C-2416

C-2370

C-2371

C-2366

Mastoid Instruments

Elevators, Knives, Pereosteotomes and Raspatories

*C-2365	Elevator, **Stacke's.**
C-2366	Guard, **Stacke's.**
C-2370	Knife, **Allport's,** convex edge.
C-2371	Knife, **Allport's,** double edge.
C-2375	Knife, **Buck's.**
C-2380	Knife, **Heath's,** meatal flap.
*C-2385	Knife, **Stacke's,** right and left.
C-2390	Pereosteotome, **Allport's.**
C-2395	Pereosteotome, **Andrew's.**
C-2400	Pereosteotome, **Ballenger's.**
*C-2405	Raspatory, **Buck's.**
C-2410	Raspatory, **Hartmann's,** straight.
C-2411	Raspatory, **Hartmann's,** convex.
C-2415	Raspatory, **Jansen's,** right angled.
C-2416	Raspatory, **Jansen's.**
*C-2420	Raspatory, **Trautmann's.**

C-2375

C-2380

C-2430

C-2440

C-2445

C-2465

C-2460 C-2455

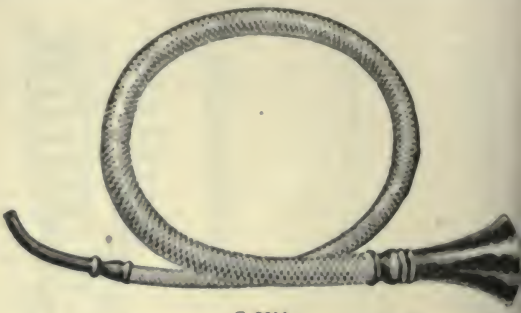
C-2475

Mastoid Instruments

Retractors and Sundries

C-2430 Retractor, **Allport's**, steel, self-retaining.
*C-2435 Retractor, **Andrews'**, steel, self-retaining.
C-2440 Retractor, **Burch-Allport's**, only one necessary for an operation.
C-2445 Retractor, **Jansen's**,
*C-2450 Retractor, **Vail's**, small, for babies.
C-2455 Drainage Tube, **Gruening's**, curved, silver.
C-2460 Drainage Tube, **Knapp's**, straight, silver.
C-2465 Cooling Coil, **Leiter's**, metal, for hot or cold water.
*C-2470 Ice Bag, **Bishop's**, soft rubber.
C-2475 Ice Bag, **Sprague's**, soft rubber.

C-2505-2506



C-2511

C-2531

C-2555-2556

C-2550

C-2545

C-2520

C-2521

C-2570

Ear Instruments

Hearing Devices

	*C-2500	Apparitor Auris, silver, enameled flesh color.
	*C-2501	Audiphone, hard rubber, fan shape.
	*C-2502	Audiphone, hard rubber, fan shape, folding.
	C-2505	Auricles, leather covered.
	C-2506	Auricles, silk covered.
	*C-2510	Conversation Tube, cylindrical, cotton or silk.
	C-2511	Conversation Tube, conical, cotton or silk.
	*C-2515	Cornets, **Clayton's**, celluloid, right and left.
	C-2520	Cornets, silver, oval.
	C-2521	Cornets, silver, round.
	C-2525	Ear Trumpet, bugle shape, tin, japanned, 3 sizes.
	*C-2530	Ear Trumpet, telescopic, hard rubber, 1 part.
	C-2531	Ear Trumpet, telescopic, hard rubber, 2 parts.
	*C-2532	Ear Trumpet, telescopic, hard rubber, 3 parts.
	*C-2535	Hearing Horn, **Clayton's**, celluloid, fan shape.
	*C-2540	Hearing Horn, double dome.
	C-2545	Hearing Horn, **Greene's**, tin, japanned, short or long tube.
	C-2550	Hearing Horn, "Little Giant," very powerful.
	C-2555	Hearing Horn, London, black finish, small, medium and large.
	C-2556	Hearing Horn, London, nickel finish, small, medium and large.
	*C-2560	Stetho-Clare, No. 1A, cylindrical, silk tube.
	C-2561	Stetho-Clare, No. 1, conical, silk tube.
	*C-2562	Stetho-Clare, No. 3, with two conical silk tubes and bells.
	*C-2563	Stetho-Clare, No. 2, for distance.
	C-2570	Tympanum, **Toynbee's**, artificial.

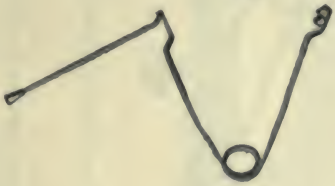
C-2525

C-2561

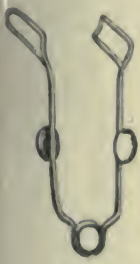
C-2605

C-2620

C-2615


C-2625

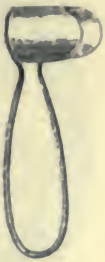
C-2630


C-2635

C-2645

C-2650

C-2655


C-2660

Nasal Instruments

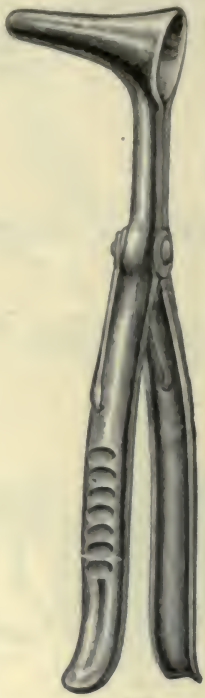
Specula

*C-2600 **Beckman's.**
C-2605 **Bosworth's,** steel or brass, 2 sizes, improved.
*C-2606 **Bosworth's,** plain wire.
*C-2610 **Collin's.**
C-2615 **DeRoalde's.**
C-2620 **Fraenkel's,** improved, with spring.
C-2625 **Heffernan's,** right and left.
C-2630 **Jarvis'.**
C-2635 **Lublinski's.**
*C-2640 **Monosmith's.**
C-2645 **Muncaster's.**
C-2650 **Myles',** 3 sizes.
C-2655 **Ray's,** 2 sizes.
C-2660 **Thudicum's.**
C-2665 **Yankauer's,** naso pharyngeal.

C-2665

C-2670

C-2675



C-2680

C-2685

Nasal Instruments

Specula

C-2670 **Coakley's.**

C-2675 **E. S. I. Co.**, electrically lighted.

C-2676 Extra lamps, **E. S. I. Co.**, No. 13.

C-2678 **Gerzog's-Reiner** Model, forged steel, thin blades.

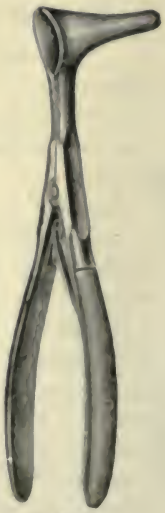
C-2680 **Hartmann's.**

C-2685 **Ingal's**, nickel-plated.

*C-2686 **Ingal's**, fine, steel.

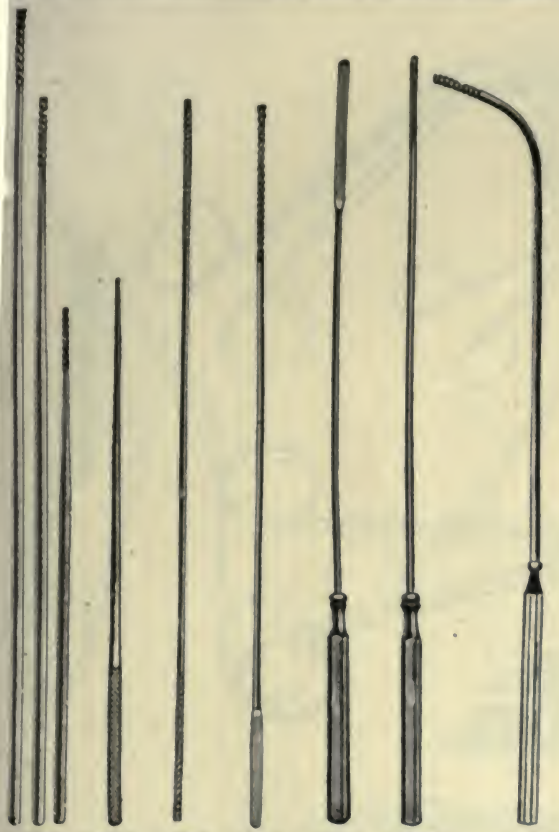
C-2690 **Pynchon's.**

*C-2695 Vienna pattern.

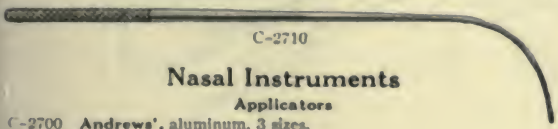


C-2678

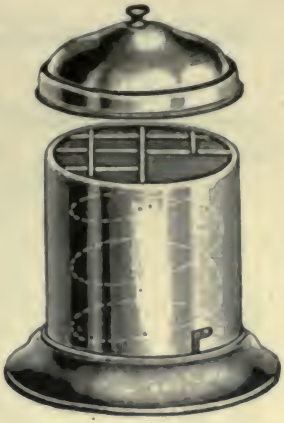
C-2690



C-2700 C-2715 C-2720 C-2721 C-2725 C-2728 C-2730



C-2710



C-2750

C-2755

C-2760

Nasal Instruments

Applicators

C-2700 **Andrews'**, aluminum, 3 sizes.
*C-2705 **Farlow's**, post nasal.
*C-2710 **Ivans'**, all steel, pharyngeal.
C-2715 **Kyle's**, all steel.
C-2720 Plain, aluminum, 2 rough ends.
C-2721 Plain, aluminum, 1 flat and 1 rough end.
C-2725 Plain, with handle, flat end.
*C-2726 Plain, with handle, triangular end.
*C-2727 Plain, with handle, rough end.
C-2728 Plain, with handle, spiral end.
C-2730 Post Nasal, steel.
*C-2735 Tapering, 8 inches, spiral end, copper or aluminum.

Probes

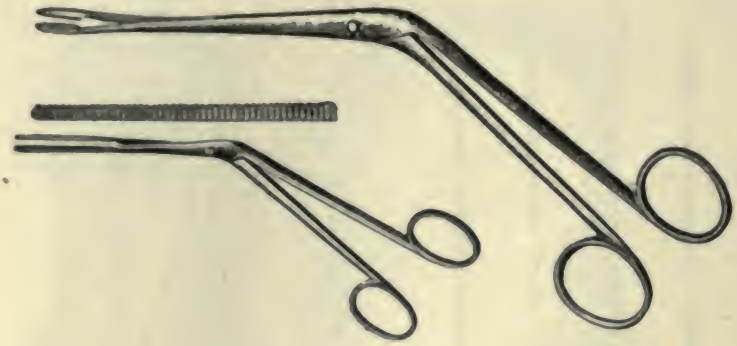
*C-2740 Angular, **Farlow's**, plated.
*C-2745 Plain, flexible, plated.

Reservoirs for Cotton

*C-2748 **Farrell's**, nickel-plated top, opal glass base.
C-2750 **Phillips'**.
*C-2751 **Phillips'**, with waste trough.

Reservoirs for Waste

C-2755 **Campbell's**.
*C-2758 **Farrell's** Waste Box, nickel-plated top, opal glass base.
C-2760 **Yankauer's** Cocaine Cup, porcelain.
*C-2765 **Dappen's** Solution Jars, crystal, amber, blue or green.



C-2810

C-2790

C-2795

C-2800

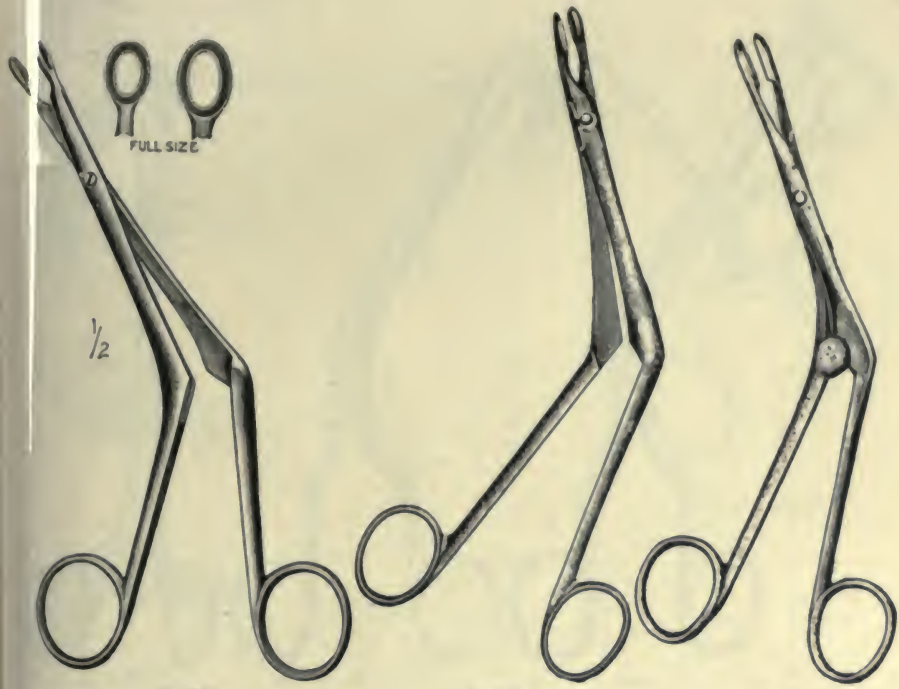
C-2805

Nasal Instruments

Nasal Forceps

Dressing and Polypus Forceps

*C-2780 **Duplay's,** polypus, curved.
*C-2785 **Gross',** polypus, curved.
C-2790 **Hartman's,** dressing.
C-2795 **Jansen's,** dressing.
C-2800 **Killian's,** septum compression, small and large.
C-2805 **Knight's,** polypus.
C-2810 **Musehold's,** dressing and tampon.



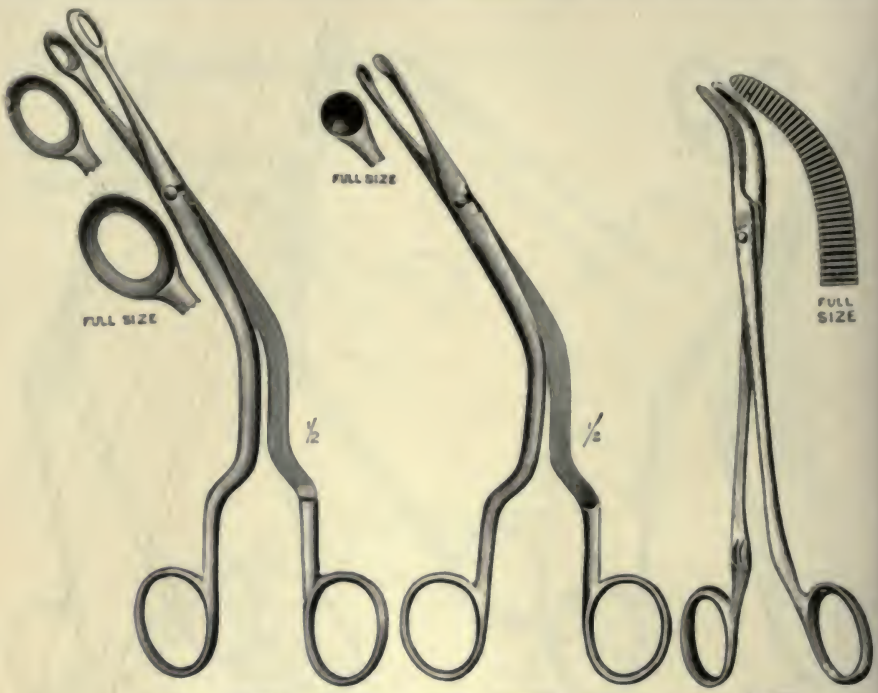
C-2815 C-2820 C-2825

C-2830

Nasal Instruments

Forceps

C-2815 **Bruening's,** large and small.
C-2820 **Heymann's,** improved, cutting.
C-2825 **Knight's,** cutting.
C-2830 **Pynchon's,** cutting.



C-2835 C-2840 C-2850

C-2852

Nasal Instruments

Forceps

C-2835 **Luc's,** fenestrated, cutting, 2 sizes.

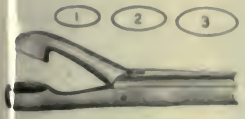
C-2840 **Luc's,** spoon jaws, cutting.

C-2850 **Shallcross',** haemostatic.

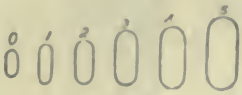
C-2852 **Valle-Heath's,** dressing, new.

Epistaxis Canula

*C-2853 **Bellocque's.**

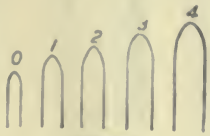


C-2865



C-2855

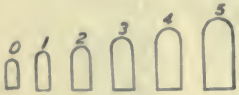
C-2866



C-2860

C-2855-2860-2870

C-2869



C-2870

C-2875

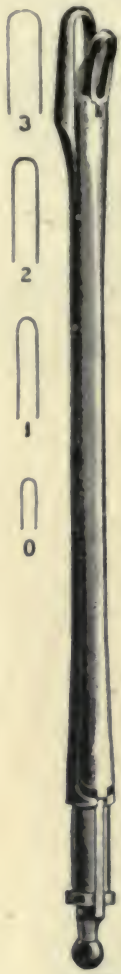
CUT, NATURAL SIZE

C-2876

Nasal Instruments

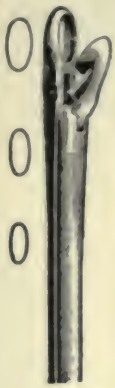
Forceps, Cutting, Ring Handles

C-2855 **Gruenwald's,** oval, 6 sizes.
C-2860 **Gruenwald's,** long jaw, 5 sizes.
C-2865 **Gruenwald-Hartmann's,** oval, 3 sizes.
C-2866 **Gruenwald-Hartmann's,** curved up.
*C-2867 **Gruenwald-Hartmann's,** curved down.
*C-2868 **Gruenwald - Hartmann's,** curved to right.
C-2869 **Gruenwald - Hartmann's,** curved to left.
C-2870 **Myles',** straight, 6 sizes.
*C-2871 **Myles',** curved up, ethmoid.
C-2875 **Noyes',** grasping, serrated jaw.
C-2876 **Struycken's,** latest.

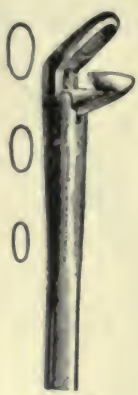


C-2905

C-2880

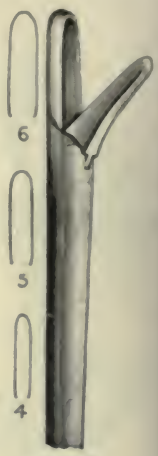


C-2885



C-2886

C-2888

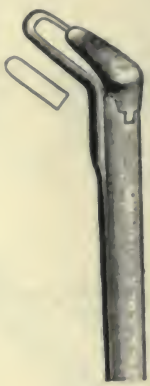


C-2890

C-2895

C-2900

C-2906



C-2907

C-2910

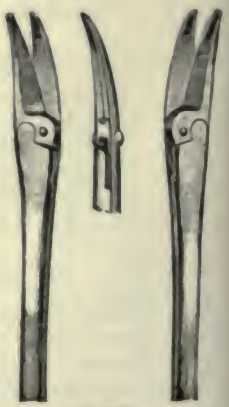
Nasal Instruments

Nasal Cutting Forceps—Fitting Universal Handle

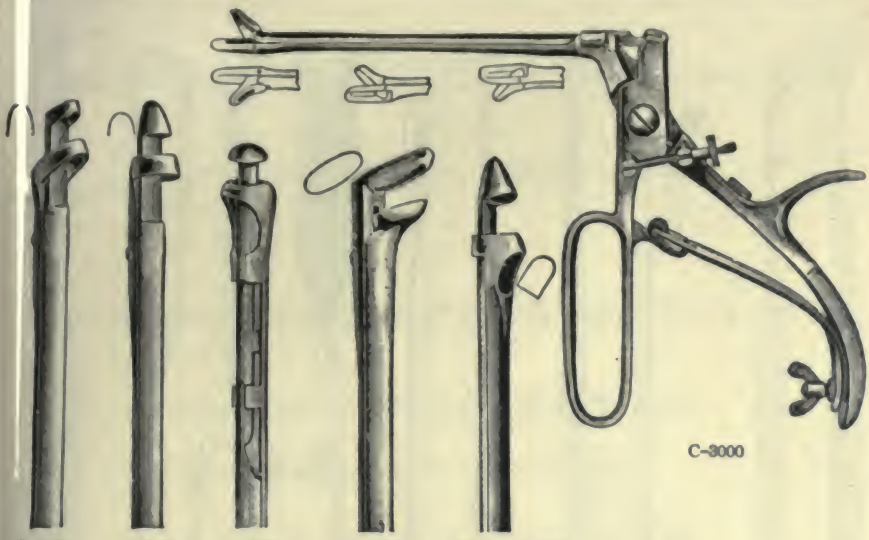
C-2880	**Fry's**, curved up.
C-2885	**Gruenwald's**, straight, 3 sizes.
C-2886	**Gruenwald's**, curved up or down, reversible.
C-2888	**Gruenwald-Kuemmel's**, curved right and left.
C-2890	**Gruenwald-Struycken's**, 3 sizes.
C-2895	**Hartman's**, oval, straight, 3 sizes.
C-2900	**Lermoyez's**.
C-2905	**Myles'**, straight, 4 sizes.
C-2906	**Myles'**, curved up, 1 size.
C-2907	**Myles'**, curved, right or left.
C-2910	**Struycken's**, cutting, straight.

Nasal Scissors

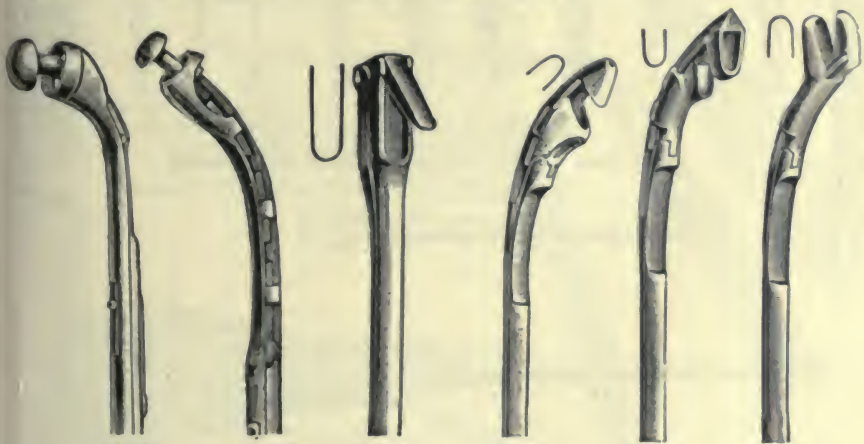
*C-2915	**Hartman's**, straight.
*C-2920	**Holmes'**, straight.
C-2921	**Holmes'**, curved.
*C-2925	**Watson's**, angular.



C-2921



C-2960 C-2965 C-2970 C-2975 C-2990—C-2995 C-3000



C-2930 C-2935 C-2940 C-2945 C-2950 C-2951

Nasal Instruments

Punches Fitting Universal Handle

Antrum

C-2930 **Anderson's.**
C-2935 **Fletcher's.**
C-2940 **Ostrom's,** straight, reversible.
C-2945 **Speiss',** curved.
C-2950 **Wagner's,** cutting forward.
C-2951 **Wagner's,** cutting backward.

Ethmoid and Sphenoid

*C-2955 **Anderson's,** sphenoidal.
C-2960 **Cordes',** ethmoid.
C-2965 **Cordes',** sphenoid.
C-2970 **Fletcher's,** ethmoid and sphenoid.
C-2975 **Gruenwald's,** ethmoid, reversible.
*C-2980 **Lange's,** ethmoid, curved.
*C-2985 **Lange's,** curved, with probe point.
C-2990 **Schmithuisen's,** ethmoid and sphenoid, 4½ inches.
C-2995 **Schmithuisen's,** ethmoid and sphenoid, 6¼ inches.

NOTE—Prices quoted are for punches only. Handle extra.

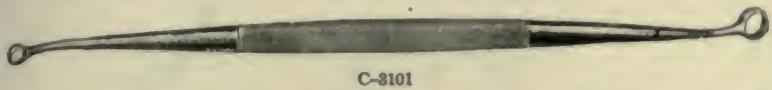
Universal Handle

C-3000 Handle, fitting any of the punches listed above.

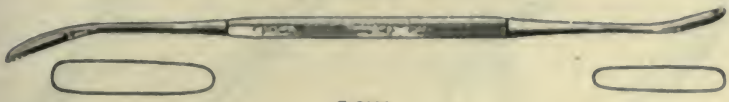
Nasal Instruments

Chisels, Gouges, Curettes, Knives, Hooks, Etc.

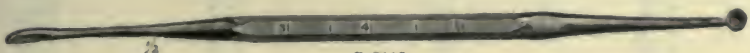
C-3010 Chisel, **Andrews'**, turbinated.
C-3015 Chisel, **Freer's**, curved, submucous septum.
C-3016 Chisel, **Freer's**, straight, submucous septum.
C-3020 Chisel, **White's**.
C-3025 Gouge, **Ballenger's**, V-shape.
*C-3030 Gouge, **Freer's**, 2 sizes.
C-3035 Gouge, **Hajek's**, 3 sizes.
C-3040 Gouge, **White's**,
C-3045 Hook, **Hajek's**, flat, sharp.
C-3046 Hook, **Hajek's**, sharp pointed.
C-3050 Knife, **Allen's**, septum.
C-3055 Knife, **Ballenger's**, swivel, septum, 2 sizes.
C-3060 Knife, **Dean's**, turbinate, right and left.
C-3065 Knife, **Ingal's**, septum.
*C-3070 Knife, **Killian's**, exostosis.
*C-3075 Knife, **Kyle's**, septum.
C-3080 Knife, **Nichol's**, spoke shave, with 1 blade.
C-3085 Knife, **Schultz's**, spoke shave, right and left.
*C-3090 Knife, **Sluder's**, turbinate, set of 2, right and left, with 1 handle.
C-3095 Shave, **Burrell's**, submucous septum.



C-3101



C-3100



½

C-3110

C-3130

C-3116

C-3145

½

C-3105

Nasal Instruments

Curettes

C-3100 **Faulkner's,** frontal sinus.
C-3101 **Faulkner's,** ethmoid.
C-3105 **Mosher's,** sinus.
C-3110 **Schaeffer's,** graduated.

Saws

*C-3115 **Bosworth's,** straight.
C-3116 **Bosworth's,** angular, up and down.
*C-3120 **Bucklin's,** set of 2 blades.
*C-3125 **Curtis',** straight, thin blade.
C-3130 **Hall's,** set of 2 blades, bevel edged.
*C-3135 **Holmes',** thin blade, with straight or back cutting teeth.
*C-3140 **Kyles',** horizontal and vertical.
C-3145 **McAuliff's,** set of 2 blades, bevel edged.
*C-3150 **Robertson's,** up and down.

C-3160

C-3161

C-3190

C-3195

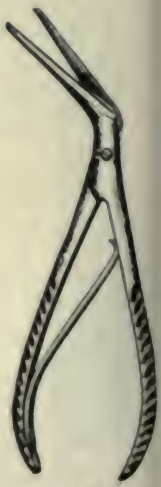
C-3205—C-3206

C-3190

Nasal Instruments

Scissors.

C-3160	**Beckman's,** for upper turbinates.
C-3161	**Beckman's,** for middle turbinates.
*C-3165	**Casselberry's,** serrated edges.
*C-3170	**Gruenwald's,** alligator action.
C-3175	**Herzfeld's,** forceps handle, small.
C-3180	**Heymann's.**
*C-3185	**Holmes',** latest, straight, right and left.
C-3190	**Jackson's,** turbinatome.
*C-3191	**Jackson's,** turbinatome, saw edge.
C-3195	**Knight's.**
*C-3200	**Mueller's,** Vienna pattern, sliding blade.
C-3205	**Seiler's,** regular pattern.
C-3206	**Seiler's,** heavy pattern.
*C-3210	**Thompson's,** turbinatome, saw edge.
*C-3215	**Watson's.**



C-3175

Nasal Instruments

Snares

*C-3230 **Baker's.**
C-3235 **Bosworth's,** improved, seamless steel tips.
C-3240 **Douglass'.**
*C-3245 **Duffee's.**
*C-3250 **Jarvis',** straight.
C-3255 **Krause's.**
*C-3260 **Martin's.**
C-3265 **Sajou's,** original.
C-3270 **Wright's,** 2 tips.
*C-3275 **Wright's,** 2 tips, folding handle.

Snare Wire

C-3290 Snare Wire, on spools, sizes 1 to 5.

C-3291 Snare Wire, in ¼-lb. coils, sizes 1 to 5.

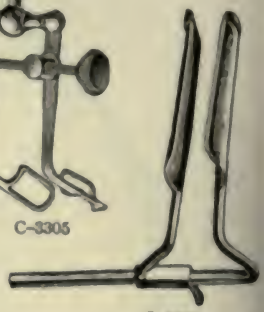
C-3292 Snare Wire, cut ready for use with stylet, sizes 1 to 5, 12 in package.

*C-3295 **Yankauer's** Wire Loops, for nasal snares.

C-3300

C-3306

C-3305

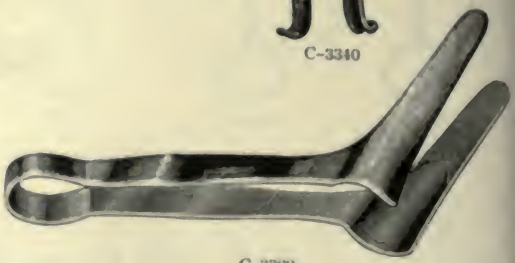


C-3310

C-3325

C-3330

C-3340

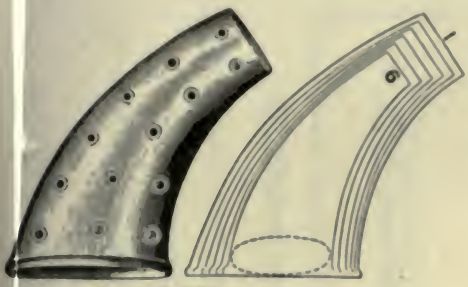


C-3320

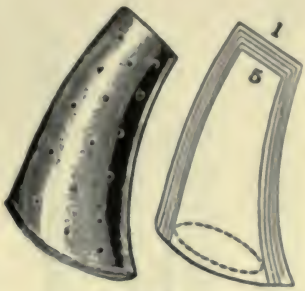
Nasal Instruments

Speculums for Submucous Resections

C-3300 **Ballenger's.**
C-3305 **Beck's,** self-retaining, to be used with head band.
C-3306 **Beck's,** nasal clamp, septum.
C-3310 **Carter's,** steel.
*C-3315 **Goldstein's,** mucosa.
C-3320 **Good's,** self-retaining.
C-3325 **Hurd's,** one long and one short blade, steel.
C-3330 **Killian's,** latest, made of tempered steel, very thin blades, 3 sizes, 2, 2½ and 3 inches long.
*C-3335 **Metzenbaum's.**
C-3340 **Mosher's,** with 2 sets of wire blades.
*C-3345 **Murphy's,** latest model.
*C-3350 **Patton's,** all steel, 2 sizes, 1 and 2-inch blades.

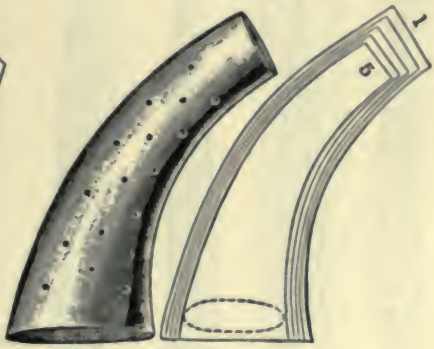


C-3380



C-3376

C-3385



C-3375

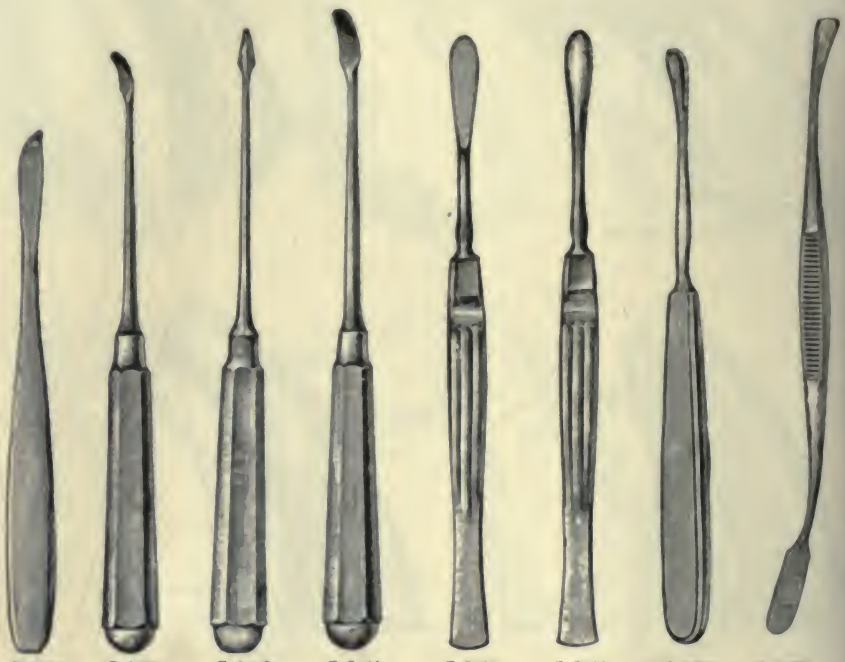
C-3390

Nasal Instruments

Septum Splints

*C-3360 **Ash's,** hard rubber, 5 sizes.
*C-3365 **Carter's,** bridge splint.
*C-3370 **Farrell's,** metal, 6 sizes.
C-3375 **Kyle's,** metal, long, 5 sizes, plain or perforated.
C-3376 **Kyle's,** metal, short, 5 sizes, plain or perforated.
C-3380 **Mayer's,** hard rubber, 6 sizes.
C-3385 **McKernon's,** hard rubber, 6 sizes, improved pattern.
C-3390 **Simpson's,** tampons, 4 dozen in box.

Nasal Instruments



C-3405 C-3400 C-3402 C-3401 C-3410 C-3411 C-3470 C-3460

C-3422

C-3450

C-3471

C-3438

Nasal Instruments

Dissectors and Elevators

C-3400 **Abraham's,** narrow.

C-3401 **Abraham's,** wide.

C-3402 **Abraham's,** flat on one side, triangular on other, sharp edges, semi-blunt point.

C-3405 **Asch's.**

C-3410 **Ballenger - Hajek's,** semi-sharp.

C-3411 **Ballenger-Hajek's,** blunt.

C-3412 **Ballenger-Hajek's,** double ended.

*C-3415 **Beck's,** hoe and knife.

C-3420 **Brown's,** dissector and hoe.

C-3422 **Carter's,** flexible elevator, and curette.

*C-3425 **Freer's,** double, blunt and sharp.

C-3430 **Hurd's,** dissector, sharp and blunt, blunt end is copper, flexible.

C-3431 **Hurd's,** separator and curette.

C-3435 **Killian's,** new model, blunt and sharp.

C-3436 **Killian's,** sharp.

C-3437 **Killian's,** blunt.

C-3438 **Killian's,** bayonet shape, right and left.

*C-3439 **Killian's,** set of 5 instruments with 1 handle.

C-3445 **Pierce's,** sub-mucous dissector.

C-3450 **Purcell's,** pereosteotome.

C-3455 **Roger's,** dissector, semi-sharp.

C-3460 **Spratt's,** dissector.

C-3465 **Stauffer's,** double end, flexible.

C-3470 **Yankauer's,** elevator, blunt.

C-3471 **Yankauer's,** elevator, hook shape.

Nasal Instruments

C-3521 C-3505 C-3482 C-3486 C-3483 C-3540 C-3535 C-3480

C-3475 C-3490 C-3481 C-3495 C-3500 C-3560-62 C-3555

C-3530 C-3526 C-3520 C-3527 C-3529 C-3545 C-3525 C-3528

Nasal Instruments

Instruments for Resection of the Nasal Septum

Elevators

C-3475 **Blackwell's**, flexible copper.
C-3480 **Freer's**, angular.
C-3481 **Freer's**, double end, sharp and blunt.
C-3482 **Freer's**, L, sharp.
C-3483 **Freer's**, M, blunt.
*C-3484 **Freer's**, X, short, sharp.
C-3485 **Freer's**, X, short, blunt.
C-3486 **Freer's**, Y, long, sharp.
*C-3487 **Freer's**, Y, long, blunt.
C-3490 **Goldstein's**, blunt.
*C-3491 **Goldstein's**, sharp.
C-3495 **Haseltine's**, with knife.
C-3500 **Thomsen-Von Colditz's.**

File

C-3505 **Good's**, septum.

Hooks

*C-3510 **Freer's**, U, double, sharp.
*C-3515 **Killian's**, angular, sharp.
*C-3516 **Killian's**, angular, blunt.

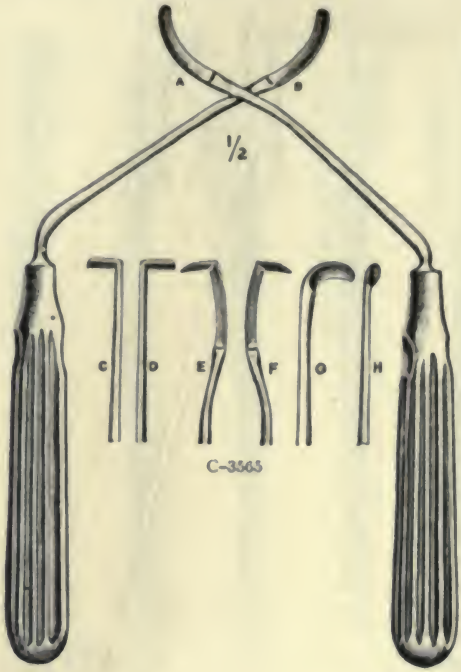
Knives

C-3520 **Ballenger's**, mucosa.
C-3521 **Ballenger-Murphy's**, septum.
C-3525 **Freer's**, A.
C-3526 **Freer's**, D.
C-3527 **Freer's**, E.
C-3528 **Freer's**, H.
C-3529 **Freer's**, V.
*C-3530 **Freer's**, I.
C-3535 **McCoy's.**
C-3540 **Metzenbaum's.**
C-3545 **Murray's.**
C-3550 **Stein's.**
C-3555 **Yankauer's**, angular.
C-3556 **Yankauer's**, needles, A to G.

Retractors

C-3560 **Freer's**, Q, extra long.
C-3561 **Freer's**, R, medium, 8 mm.
C-3562 **Freer's**, S, small, 6 mm.

C-3556



C-3565

C-3570

C-3575

Nasal Instruments

Knives (continued)

C-3565 **Ballenger's** Turbinate Instruments, A to H.

Septum Straightening Forceps

C-3570 **Adams'.**

C-3575 **Asch's.**

C-3580 **Kyle's.**

*C-3585 **Roe's,** 2 sizes.

*C-3590 **Watson's.**

Septum Punches

*C-3595 **Sajou's,** with 6 assorted punches.

C-3600 **Steele's.**

C-3580

C-3600

Nasal Instruments

Septum Cutting Forceps

*C-3605 **Asch's**, angular.

C-3606 **Asch's**, straight.

C-3610 **Ballenger-Foster's**, for cutting perpendicular plate.

*C-3615 **Freer's**, 3 sizes, Figs. D, E and F, right and left.

*C-3620 **Hurd's**, septal ridge.

*C-3625 **Jansen - Middleton's**, cross-action biting blades.

C-3626 **Jansen-Middleton's**, cross action cutting blades.

*C-3630 **Jarvis'**.

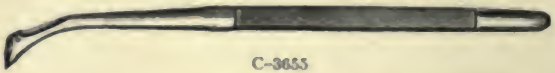
C-3635 **Lutz's**, septal ridge.

C-3640 **McCoy's**, straight, for cartilagenous septum.

C-3641 **McCoy's**, curved, for submaxillary ridge.

*C-3645 **Mial's**, septal ridge.

C-3680 C-3685 C-3700 C-3705 C-3710 C-3715



C-3655

C-3665

C-3678

C-3645

C-3650

Nasal Instruments

Antrum Instruments

*C-3640	Antrum Burr, **Abraham's.**
C-3645	Antrum Burr, **Ballenger's,** 4 sizes.
C-3650	Antrum Burr, **Tilley's,** curved, 3 sizes.
C-3655	Antrum Chisel, **Myles',** sharp.
*C-3660	Antrum Curette, **Myles',** flexible shank, 5 sizes.
C-3665	Antrum Drill, **Pope's,** trephine.
*C-3670	Antrum Reamer, **Abraham's.**
*C-3675	Antrum Saw, **Vail's,** right and left.
C-3680	Antrum Trocar, **Douglass',** combined with washing tube.
C-3685	Antrum Trocar, **Gallaher's,** with openings in trocar point.
*C-3690	Antrum Trocar, **Jurascz's.**
*C-3695	Antrum Trocar, **Killian's,** new model.
C-3700	Antrum Trocar, **Krause's.**
C-3705	Antrum Trocar, **Myles',** latest.
C-3710	Antrum Trocar, **Pierce's.**
C-3715	Antrum Trocar, **Robertson's.**
C-3678	Antrum Trocar, **Charlton's.**

Nasal Instruments

Ethmoidal, Frontal Sinus and Sphenoidal

C-3720	Chisel, **Good's**, frontal sinus, 2 sizes.
C-3725	Chisel, **Griffin's**, ethmoidal.
*C-3730	Chisel, **Killian's**, bayonet shape, frontal sinus.
C-3731	Chisel, **Killian's**, straight, frontal sinus.
C-3732	Chisel, **Killian's**, convex edge, frontal sinus.
C-3733	Chisel, **Killian's**, curved, frontal sinus.
C-3735	Curette, **Ballenger's**, ethmoidal, 2 sizes.
*C-3736	Curette, **Carmody's**, frontal sinus, irrigating.
*C-3737	Curette, **Coakley's**, frontal sinus, 6 styles.
*C-3738	Curette, **Dean's**, frontal sinus, curved.
*C-3739	Curette, **Freer's**, frontal sinus, 4 styles.
C-3740	Curette, **Griffin's**, straight, ethmoidal.
C-3741	Curette, **Griffin's**, half curved, ethmoidal.
C-3742	Curette, **Griffin's**, left side cutting, ethmoidal.
C-3743	Curette, **Griffin's**, right side cutting, ethmoidal.
*C-3744	Curette, **Halle's**, frontal sinus, right and left.
C-3745	Curette, **Killian's**, frontal sinus, 5 sizes.
*C-3747	Curette, **Kenavel's**, frontal sinus, straight.
*C-3749	Curette, **Rector's**, frontal sinus.
C-3750	Canula, **Andrew's**, sphenoidal.
C-3755	Drainage Tube, **Good's**, frontal sinus, gold-plated.
C-3760	Gouge, **Griffin's**, ethmoidal.
C-3765	Knife, **Andrew's**, sphenoidal.
C-3766	Knife, **Andrew's**, ethmoidal.
C-3770	Probe, **Andrew's**, sphenoidal.

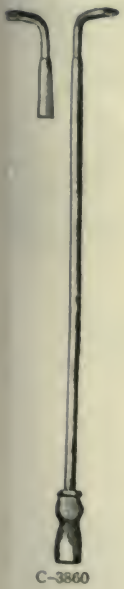
C-3745

C-3735

Nasal Instruments

Antrum, Frontal Sinus and Sphenoidal

C-3775	Protector, **Good's**, frontal sinus, 3 sizes.
C-3780	Rasp, **Brawley's**, antrum.
C-3781	Rasp, **Brawley's**, frontal sinus.
C-3785	Rasp, **Gallaher's**, antrum or frontal sinus, straight, concave and convex.
C-3790	Rasp, **Good's**, frontal sinus, right and left, 2 sizes.
C-3791	Rasp, **Good's**, sphenoidal.
C-3795	Rasp, **Sullivan's**, frontal sinus, 4 sizes.
C-3796	Rasp, **Sullivan's**, frontal sinus, 4 sizes for one handle.
*C-3798	Rasp, **Thompson's**, frontal sinus, 2 models.
C-3800	Rasp, **Weiner's**, universal, frontal sinus.
*C-3805	Sound, **Good's**, frontal sinus, set of 3.



Nasal Instruments

Antrum, Ethmoid, Sphenoid and Frontal Sinus

Canulae

C-3810 **Bezold's,** antrum, right and left.
C-3815 **Bresgen's,** frontal sinus.
*C-3820 **Fish's,** antrum, delicate.
C-3825 **Fraenkel's,** antrum.
C-3830 **Gruenwald's,** frontal sinus.
C-3831 **Gruenwald's,** sphenoidal sinus.
C-3835 **Hartman's,** antrum.
C-3836 **Hartman's,** frontal sinus.
C-3840 **Killian's,** antrum.
C-3845 **Myles',** antrum, 3 sizes.
C-3846 **Myles',** exploring.

Drainage Tubes

C-3850 **Hovell's,** silver.
*C-3855 **Myles',** soft rubber, 3 sizes.

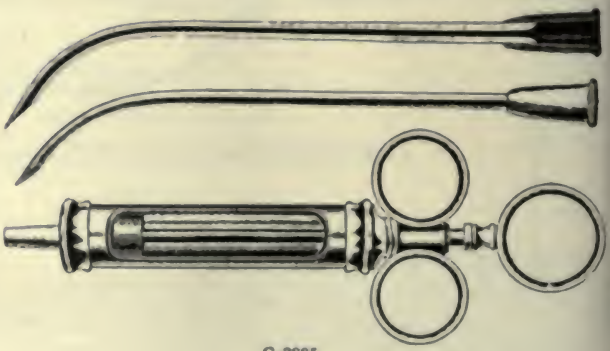
Needles

C-3860 **Killian's,** right or left.

C-3870

C-3875

C-3880



C-3885

Nasal Instruments

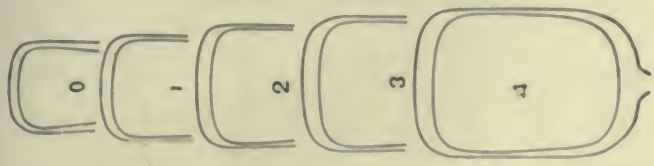
Antrum, Ethmoid, Sphenoid and Frontal Sinus

Suction Apparatus

C-3870 **Brawley's.**
C-3875 **Haskin's,** complete with tubing and 3 silver tubes of different calibre.

Syringes

C-3880 Antrum, for use with washing canulae.
C-3885 Antrum, **Abraham's,** with steel trocar needle.

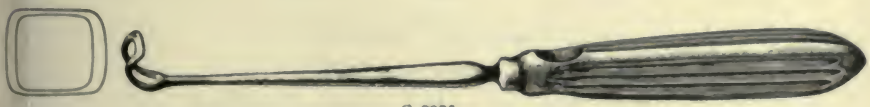


C-3900

C-3910

C-3925

C-3930



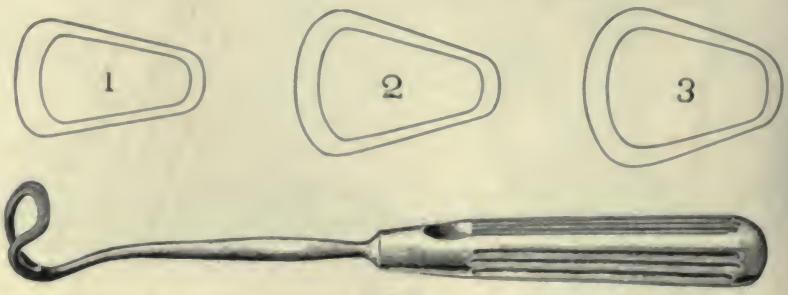
C-3935

Post Nasal Instruments

Adenotomes and Curettes

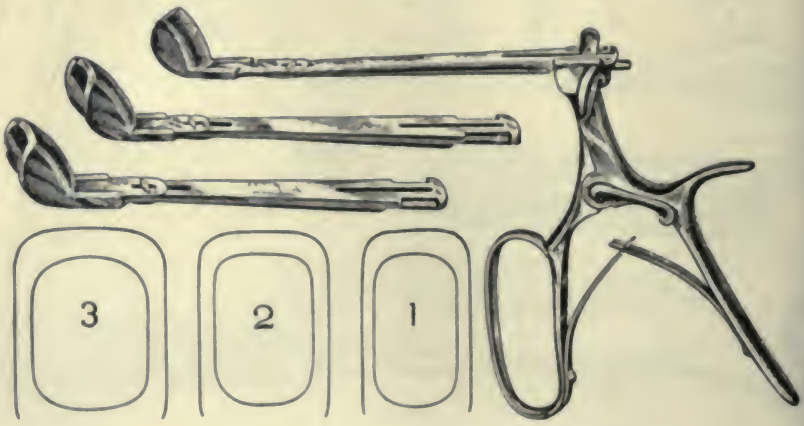
C-3900 **Barnhill's,** 5 sizes.
*C-3905 **Beck's,** with waved edge.
C-3910 **Beckmann's,** 4 sizes.
*C-3915 **Boston's,** for infants, 1 size.
*C-3920 **Collum's,** with sliding blade.
C-3925 **Delstanche's,** 3 sizes.
C-3930 **DeRoalde's,** 4 sizes.
C-3935 **Ingersoll's,** 1 size.

Post Nasal Instruments

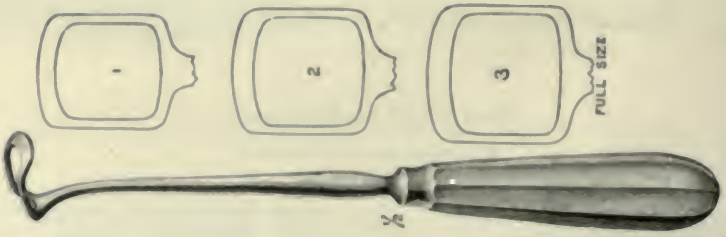


C-3940

C-3950



C-3955



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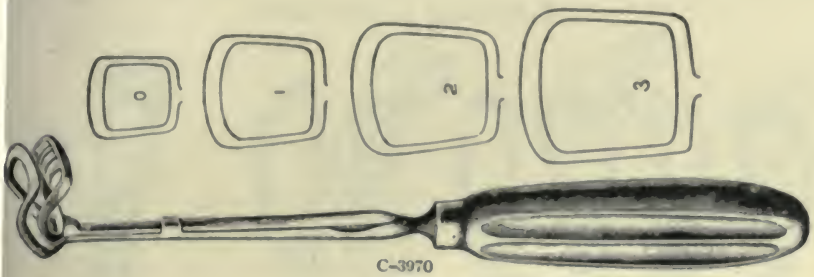
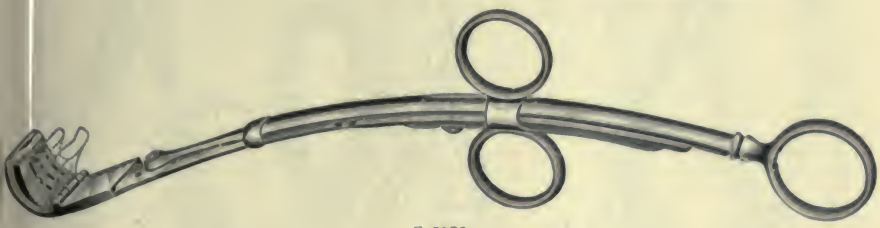
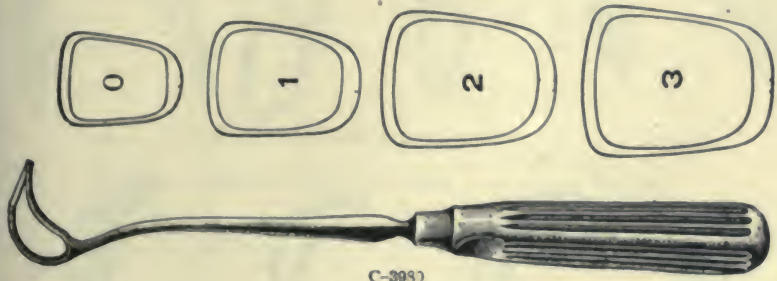


C-3970



C-3975



C-3980

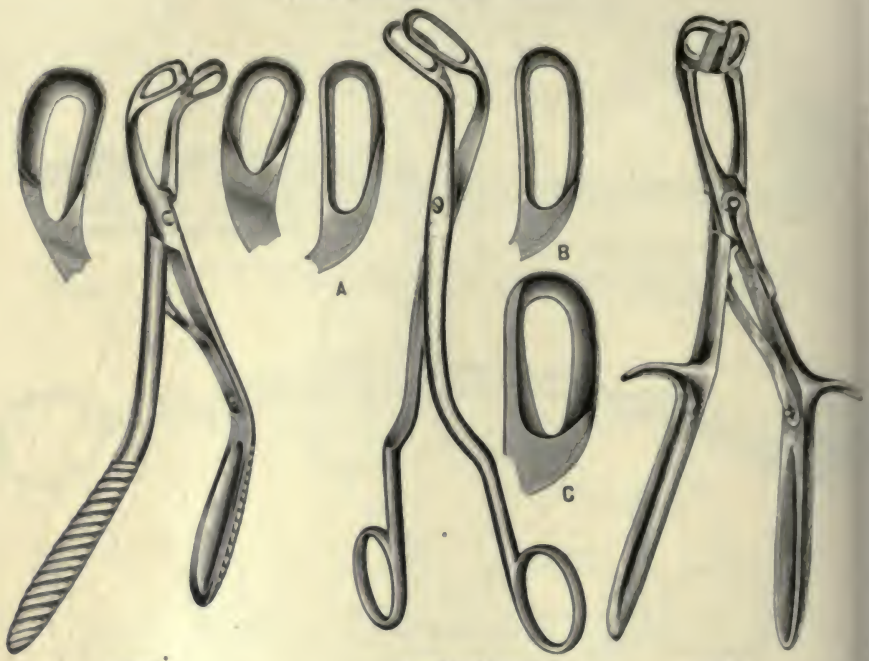
C-3990

Post Nasal Instruments

Adenotomes and Curettes

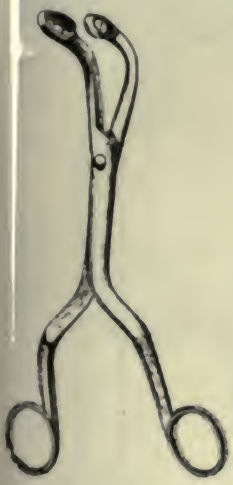
C-3940	**Gottstein's**, 3 sizes.
*C-3945	**Kirstein's**, 3 sizes.
C-3950	**LaForce's**, 3 sizes.
C-3955	**LaForce's**, set of 3 sizes with one handle.
C-3960	**Royce's**, 3 sizes.
*C-3965	**Sluder's**, 3 sizes.
C-3970	**St. Clair Thomson's**, 4 sizes.
C-3975	**Stevenson's** modification of **LaForce's**.
C-3980	**Stubb's**, 4 sizes.
*C-3985	**Todd's**, right and left, 2 sizes.
C-3990	**Vogel's**, for infants, 1 size.

Post Nasal Instruments



C–4000 C–4025-4026-4027 C–4040

C–4020 C–4065 C–4060 C–4005



C–4010

C–4035

C–4030

C–4050

Post Nasal Instruments

Adenoid Cutting Forceps

C–4000 **Brandegee's,** 2 sizes, latest.
C–4005 **Chatellier's.**
C–4010 **Cohen's,** fenestrated.
*C–4015 **Curtis'.**
C–4020 **Doyen's,** cutting.
C–4025 **French's,** lymphoid, Fig. B.
C–4026 **French's,** vault, Fig. A.
C–4027 **French's,** latest, Fig. C.
C–4030 **Jurascz's,** original pattern, 3 sizes.
*C–4031 **Jurascz's,** latest pattern, 2 sizes.
C–4035 **Hooper's.**
C–4040 **McAuliff's.**
*C–4045 **Meniere's.**
C–4050 **Prince's,** latest pattern.
*C–4055 **Quinlan's.**
C–4060 **Ruault's.**

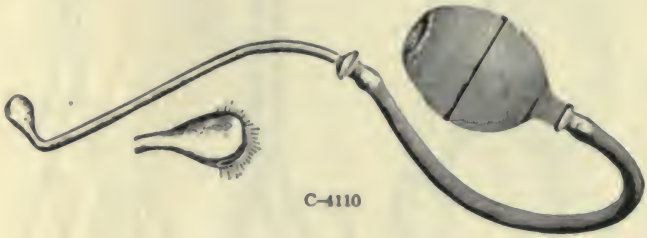
Adenoid Grasping Forceps

C–4065 **Doyen's.**
*C–4070 **Kathi's.**
C–4075 **Stille's,** sponge and dressing.
*C–4080 **Wagner's.**

C–4075

C–4100

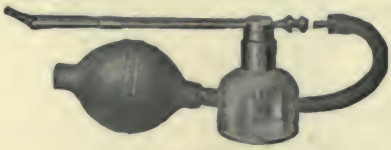
C–4105



C–4110

C–4120

C–4135



C–4130

Nasal Instruments, Sundries

Douches

C–4100 **Birmingham**, glass.
C–4105 Gem, pocket.
C–4110 **Holmes'**, post nasal.
*C–4115 **Warner's**, post nasal.

Inhalers

C–4120 **Evans'**, pocket glass.

Insufflators

C–4130 **DeVilbiss'** No. 36.
C–4135 Scoop, hard rubber tube.

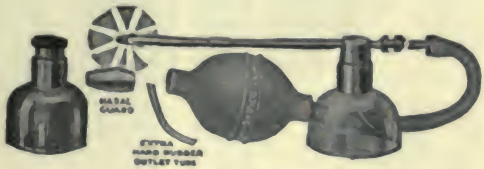
Syringes (see page 27)

*C–4140 Catarrhal, hard rubber, ½ ounce.
*C–4141 Catarrhal, hard rubber, 1 ounce.

C–4150

C–4152

C–4153



C–4154

C–4155

C–4156

Nasal Instruments

Atomizers and Nebulizers, Hand

C–4150 **DeVilbiss'** No. 10, nasal douche, throws heavy stream.

C–4152 **DeVilbiss'** No. 13, all glass and hard rubber, for corrosive solutions.

C–4153 **DeVilbiss'** No. 15, for oils or aqueous solutions.

C–4154 **DeVilbiss'** No. 16, same as No. 15, but with hard rubber outlet tube for corrosive solutions; and extra bottle.

C–4155 **DeVilbiss'** No. 28, will spray from any container; with hard rubber outlet tube for corrosive solutions.

C–4156 **DeVilbiss'** No. 49, for nebulizing oils only for inhalation.

Complete booklet of DeVilbiss spray apparatus furnished on request.

C-4175

C-4176

C-4177

C-4172 C-4173 C-4174

Nasal Instruments

Atomizers and Nebulizers, Compressed Air

C-4170 **DeVilbiss'** No. 52, for oils or aqueous solutions.

C-4171 **DeVilbiss'** No. 56, for oils or aqueous solutions, with 3 tips.

C-4172 **DeVilbiss'** No. 58, produces a very fine spray. For oils or aqueous solutions.

C-4173 **DeVilbiss'** No. 73, powder insufflator.

C-4174 **DeVilbiss'** No. 80, nebulizer, for oils only.

C-4175 **DeVilbiss'** No. 528, set of 3, one each, Nos. 52, 73 and 80, in metal rack.

C-4176 **DeVilbiss'** No. 527, set of 3, hard rubber, in metal rack.

C-4177 **DeVilbiss'** No. 519, set of 6, in electric bulb heater rack, 2 each, Nos. 52 and 80, 1 each, Nos. 56 and 73; in ordering specify whether wanted for 110 or 220 voltage.

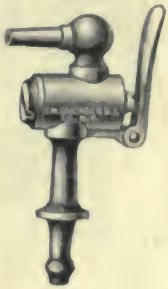
C-4170

C-4171

Complete booklet of DeVilbiss spray apparatus furnished on request.

C–4190

C–4205



C–4210

C–4215

C–4200

C–4195

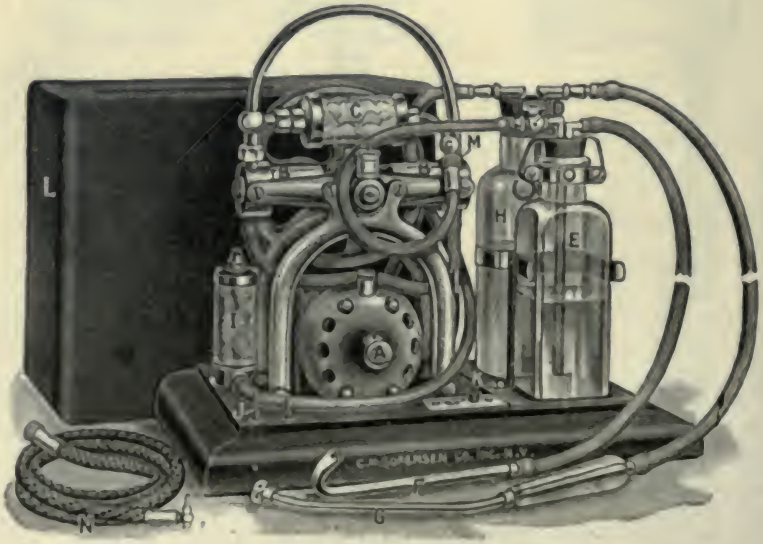
Compressed Air Outfits and Cut-offs

C–4190 Compressed Air Tank, with T-handle pump, set of 3 hard rubber atomizers, 4 feet of silk-covered tubing with cut-off, and 4 feet of linen-lined rubber tubing.
C–4195 **Boekel's,** improved cut-off, automatic.
C–4200 **DeVilbiss',** cut-off, automatic.
C–4205 **Polyclinic,** cut-off, automatic.
C–4210 **Sorensen's,** cut-off, automatc.
C–4215 **Yankauer's,** cut-off, automatic.
*C–4220 Air Pump, double cylinder, lever handle.
*C–4221 Air Pump, single cylinder, T-handle.

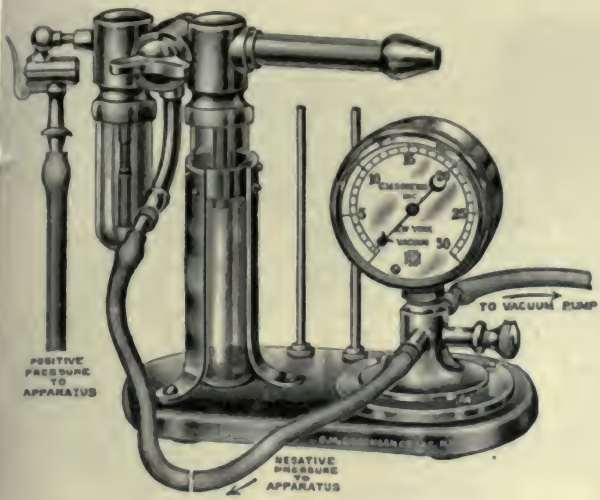
Tankless Air Compressors and Suction Apparatus

C-4230

C-4240



C-4245



C–4235

C–4231

Tankless Air Compression and Suction Apparatus

C–4230 **Sorensen's** No. 220, in white enamel steel cabinet, 47 inches high, 18 inches wide, net weight 60 pounds, shipping weight 105 pounds, for 110 volt D.C. and 110 volt, 60 cycle A. C. This outfit will give an instant pressure from zero to 50 pounds. It will maintain a steady, continuous pressure of 30 to 40 pounds. It consists of a 1-6 horse-power motor, a 3-cylinder eccentric pump with pressure gauge, two 5-foot silk-covered pressure tubes with cut-offs attached, 5-foot soft rubber tube with suction cup and suction release, one regulator and purifiers, cord and plug, ready for use.

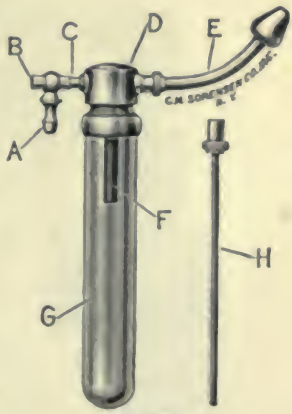
C–4231 **Sorensen's,** Midget, No. 50, on white enamel stand, complete as shown, height 48 inches, motors base 8½ inches, net weight 25 pounds, shipping weight 45 pounds; for 110 volt D.C. or 110 volt, 60 cycle A.C. This outfit will maintain a steady, continuous pressure from 10 to 15 pounds.

C–4235 **Coffin's** Combination Positive and Negative Pressure Apparatus, for cleaning and treating the accessory cavities of the nose.

C–4240 Sorensen's Vacuum Sinus Cleanser, on stand, with vacuum gauge.

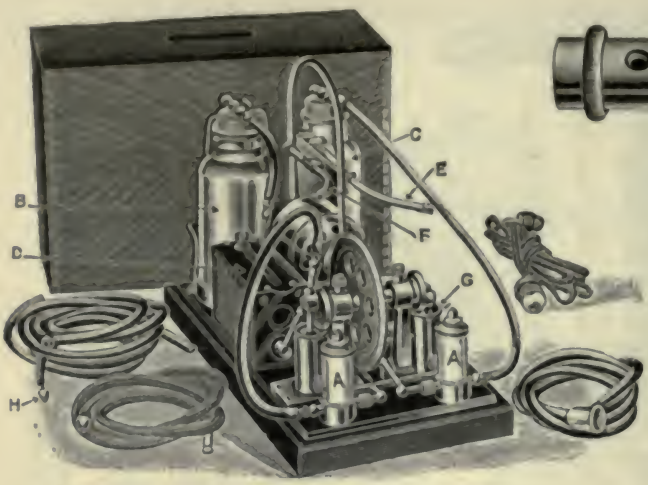
C–4241 Sorensen's Vacuum Sinus Cleanser, without stand and vacuum gauge.

C–4245 **Yankauer's** Combination Pressure and Suction Outfit for 110 volt D.C., and 110 volt, 60 cycle A.C., complete as shown.

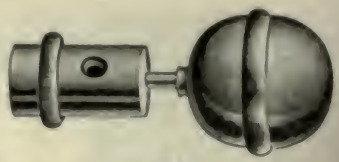


C–4241

Complete illustrated booklet on Tankless Apparatus sent on request.

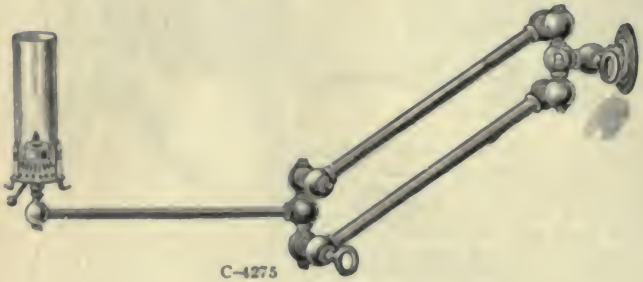


C-4250

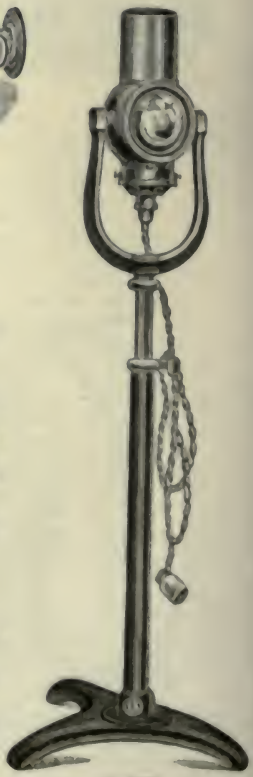


C-4255

C-4265



C-4275



C-4260

Tankless Air Compressors and Suction Apparatus

C-4250 **Steiner** Aerolzer, positive pressure and suction, hot air douche, **Biers'** hyperemia, aero-massage and anaesthetizing; this apparatus heats the ether vapor; the motor is universal for either 110 D.C., or 110 A.C., complete as shown.

C-4255 Safety Valve Float, for use with any tankless suction apparatus; prevents suction bottle from overflowing.

Brackets and Light Condensors

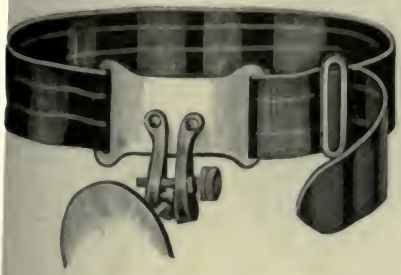
C-4260 **Coakley's**, electric light stand, complete with spiral filament lamp.

C-4265 Condensor, **Boekel's**, improved, for Edison 16 c.p. lamp.

C-4270 Condensor, **McKenzie's**, for electric light Argand burner or students' lamp.

C-4275 Extension Bracket, 2 arm, polished brass or nickel-plated.

C-4270



C–4300

C–4305

C–4310

C–4335

C–4315

C–4325

C–4345

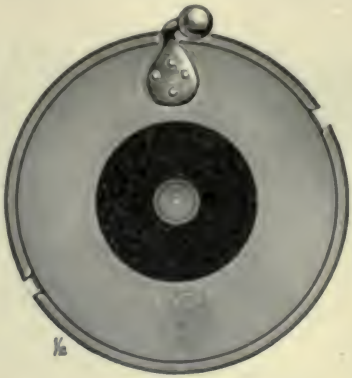
Head Bands

C–4300 **Bosworth's.**
C–4305 **Fraenkel's,** without mirror.
C–4310 **French's,** with silk strap.
C–4315 **Gleason's,** with leather strap.
*C–4320 **Haslam's,** with nose rest.
C–4325 **Ivan's,** webbing band.
C–4330 **Jefferson's,** leather band.
C–4335 **Pynchon's,** adjustable fibre.
*C–4340 **Pynchon's,** metal front plate, hard rubber back, webbing band.
C–4345 **Schroetter's,** with nose rest.
C–4350 **Worrall's,** metal spring, plain.
*C–4351 **Worrall's,** metal spring, folding.
*C–4352 **Worrall's,** metal with cross spring.

C–4330

C–4350

C–4375–76



C–4380

C–4385

C–4400

Laryngeal Mirror Sizes

Head Mirrors and Laryngeal Mirrors

C–4375 Head Mirrors, regular, small hole 3, 3½ and 4 inches.

C–4376 Head Mirrors, regular, ½-inch hole, 3, 3½ and 4 inches.

C–4380 Head Mirrors, **Fraenkel's**, aluminum back, with protectors, 3, 3½ and 4 inches.

C–4385 Head Mirror Protectors, aluminum, 3, 3½ and 4 inches.

C–4390 Laryngeal Mirrors, without handle, sizes 00 to 7, boilable.

C–4391 Laryngeal Mirrors, with handle, sizes 00 to 7, boilable.

C–4395 Universal Handle for laryngeal mirrors.

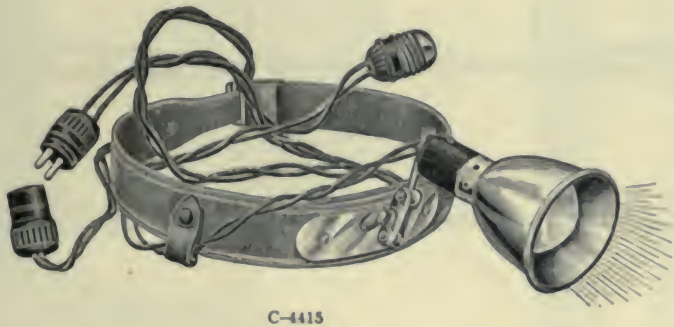
C–4400 Laryngoscopic Set, complete in case.

C–4395

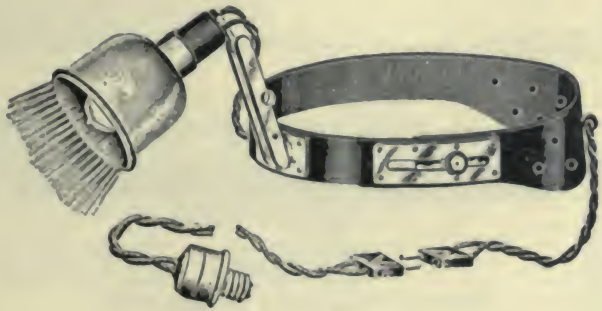
C–4390

C–4391

C–4410



C–4415



C–4420

Nasal and Throat Instruments

Electric Headlights

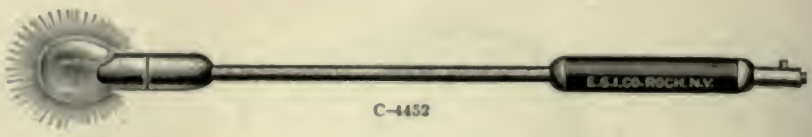
C–4410 **E. S. I. Co.** Headlight, with focusing lens, used with current controller.

C–4415 **Hood's** Headlight, with leather band and nitrogen lamp.

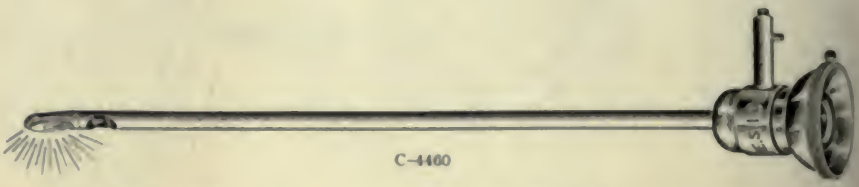
C–4420 **Murphy's** Headlight, adjustable fibre band.

*C–4421 **Murphy's** Headlight, with Worrall's spring headband.

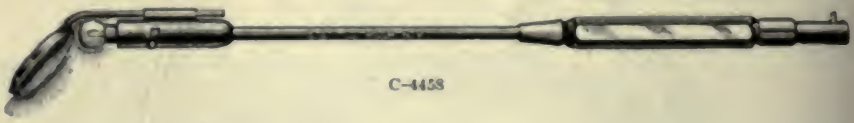
*C–4425 **Pynchon's** Headlight, with Worrall's spring headband.



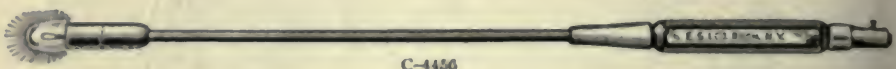
C–4452



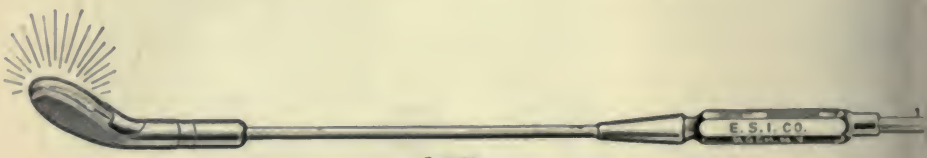
C–4460



C–4458



C–4456



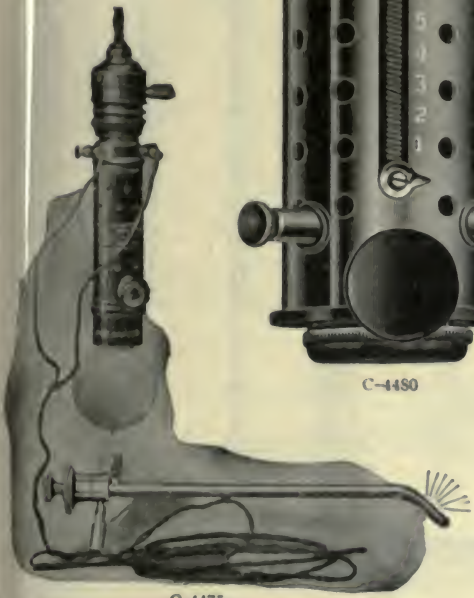
C–4450

C–4454

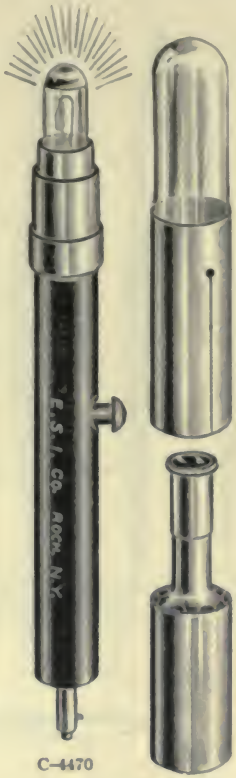
Electro Diagnostic Instruments

C–4450 **Dowling** Antrum Illuminator, E. S. I. Co.
*C–4451 Extra lamps for above. E. S. I. Co. No. 6.
C–4452 **E. S. I. Co.** Antrum Illuminator.
*C–4453 Extra lamps for above. E. S. I. Co. No. 17 (6 volts), No. 18 (10 volts).
C–4454 **E. S. I. Co.** Frontal Sinus Illuminator.
*C–4455 Extra lamps for above. E. S. I. Co. No. 14 (6 volts), No. 15 (10 volts).
C–4456 **E. S. I. Co.** General Diagnostic Illuminator.
*C–4457 Extra lamps for above. E. S. I. Co. No. 7.
C–4458 **E. S. I. Co.** Laryngoscope and Mouth Lamp.
*C–4459 Extra lamps for above. E. S. I. Co. No. 1.
C–4460 **Holmes** Naso Pharyngoscope, complete in metal case with cords and 1 extra lamp, **E. S. I. Co.**
*C–4461 Extra lamps for the above, remounted. E. S. I. Co.

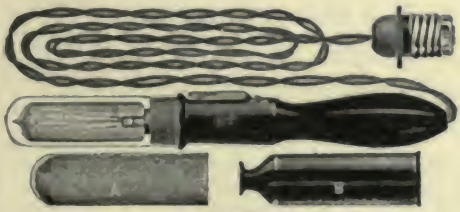
C–4480



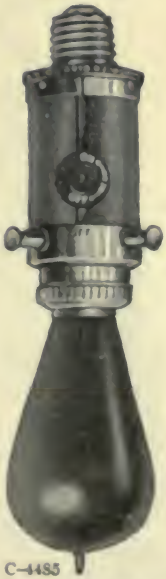
C–4475



C–4470



C–4465



C–4485

Electro Diagnostic Illuminators

*C–4463 **Coakley's** Transilluminator.
C–4465 **Freer-Jackson's** Transilluminator.
*C–4466 Extra lamps for above.
C–4470 **Sullivan's** Antrum and Frontal Sinus Illuminator, E. S. I. Co.
*C–4471 Extra lamps for above. E. S. I. Co. No. 14 (6 volts), No. 15 (10 volts).

Socket Current Controller

C–4475 **E. S. I. Co.,** complete with cords and lamp.
*C–4476 **E. S. I. Co.,** without cords and lamp.
C–4480 **Steiner's,** with lamp.
*C–4485 **Wappler's,** with lamp.
*C–4477 **E. S. I. Co.,** silk-covered cords, regular connection.
*C–4478 **E. S. I. Co.,** silk-covered cords, with make and break connection.
*C–4479 **E. S. I. Co.,** Tungsten battery.

C-4510

C-4505

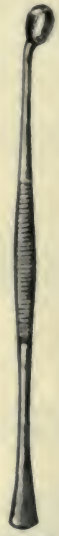
C-4525

C-4513

C-4516

C-4535

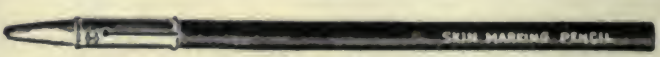
C-4545



C-4555

C-4550

C-4520



C-4560

Dermal Instruments

Comedo Extractors

*C-4500 **Jackson's**, acne lancet.
*C-4501 **Jackson's**, comedo expressor.
C-4505 **Martin's**, double.
C-4510 **Piffard's.**
C-4515 **Saalfield's**, with acne lancet.
C-4516 **Saalfield's**, short, with acne lancet.
C-4520 **Schamberg's**, illustration full size.
C-4525 **Unna's**, double.

Dermal Curettes

C-4535 **Fox's.**
C-4536 **Fox's**, with acne lancet.
*C-4540 **Hebra's.**
C-4545 **Piffard's.**
C-4550 **Stelwagon's**, 2 sizes of long oval spoons.
C-4555 **Wright's.**

Pencil

C-4560 Dermatograph, with metal protecting cap, blue or red.

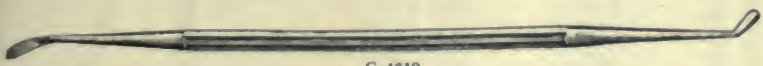
Punch

C-4565 **Keyes'**, cutaneous, sizes 2 to 7 mm. For eradicating powder marks, moles, etc.

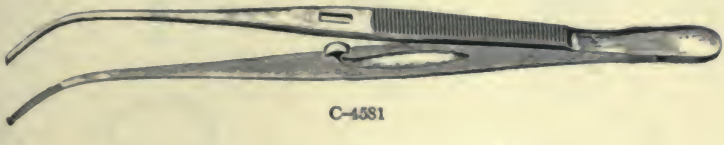
C-4536

C-4565

C-4602 C-4613 C-4614 C-4611 C-4616 C-4607 C-4609 C-4608



C-4610



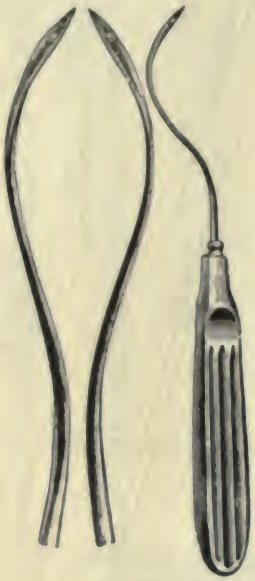
C-4581

C-4580

Staphylorraphy Instruments

*C-4575 Forceps, tissue, straight, 1 x 2, 3 x 4, 4 x 5 teeth.
*C-4576 Forceps, tissue, curved, 1 x 2, 3 x 4, 4 x 5 teeth.
C-4580 Forceps, tissue, **Brophy's**, straight.
C-4581 Forceps, tissue, **Brophy's**, curved.
*C-4583 Forceps, plain, **Brophy's**, straight, serrated points, 6½ inches.
*C-4585 Forceps, tongue, London pattern.
*C-4590 Forceps, **Brophy's**, wire twisting.
*C-4595 Forceps, **Walcher's**, suture removing.
*C-4600 Hook, **Brophy's**, ligature.
*C-4601 Hook, **Langenbeck's**, sharp.
C-4602 Hook, **Updegraff's**, curved, sharp.
*C-4605 Knife, **Brophy's**, straight scalpel, long shank.
*C-4606 Knife, **Brophy's**, double edged.
C-4607 Knife, **Brophy's**, straight back, very thin,
C-4608 Knife, **Brophy's**, curved bistoury.
C-4609 Knife, **Brophy's**, angular, double edged.
C-4610 Knife, **Crile's**.
C-4611 Knife, paring.
*C-4612 Knife, **Updegraff's**, curved, sharp.
C-4613 Knife, **Whitehead's**, gum.
C-4614 Knife, **Whitehead's**, hoe shape.
C-4615 Needle, **Deschamps'**, right and left, sharp.
C-4616 Needle, **Updegraff's**, half curved.
*C-4617 Needle, **Updegraff's**, full curved.

C-4615

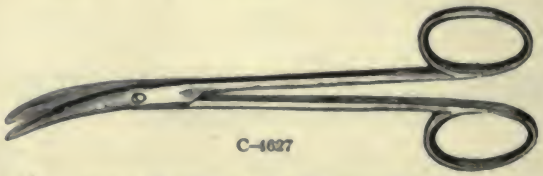


C–4618

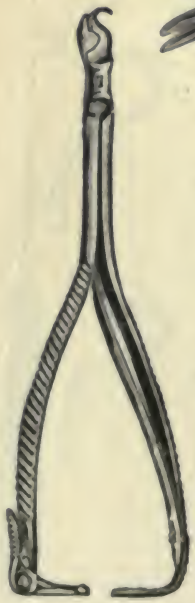
C–4626

C–4622

C–4623



C–4627



C–4620

Staphylorraphy Instruments

C–4618 Needle, **Brophy's**, bone, right and left.

*C–4619 Needle, **Whitehead's**, spiral.

C–4620 Needle Holder, **Brophy's**,

C–4621 Needle Holder, **Von Eiselberg's**.

C–4622 Pericosteotome, **Brophy's**, right angle, narrow and wide.

C–4623 Pericosteotome, **Brophy's**, acute angle, narrow and wide.

*C–4624 Plates, lead, **Brophy's**, 2 thicknesses (operation requires 6).

*C–4625 Punch, **Brophy's**, for lead plates.

C–4626 Scarifyers, **Brophy's**, right and left.

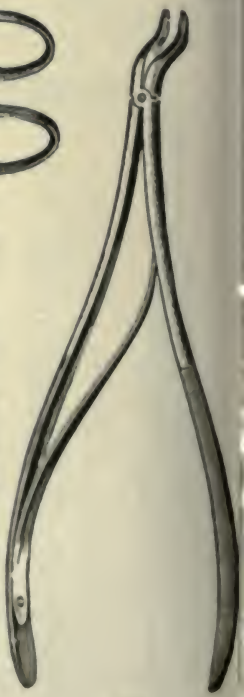
C–4627 Scissors, **Brophy's**, gum, 5¾ inches.

*C–4628 Scissors, **Brophy's**, wire cutting.

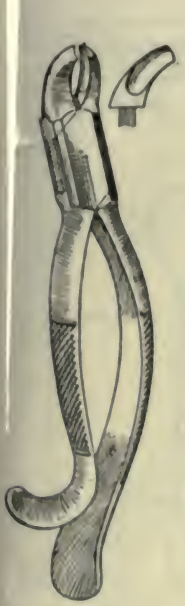
*C–4629 Shield with nipple, for nursing bottle.

*C–4630 Shield, breast, for cleft palate babies.

*C–4631 Speculum, **Brophy's**, oval, set of 4 sizes.

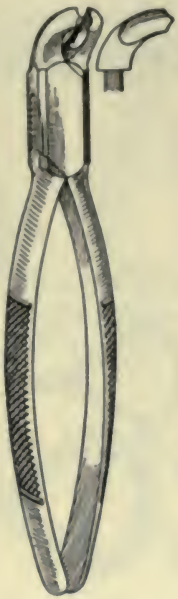


C–4621



C–4653

C–4654



C–4656

C–4657

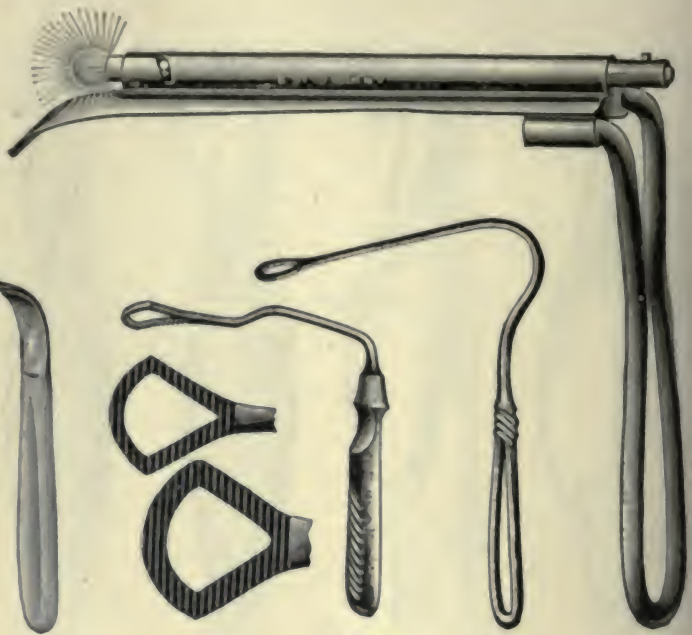
C–4662

Dental Forceps

C–4665

*C–4650	Incisor Forceps, curved, lower, No. 14.
*C–4651	Incisor Forceps, upper, No. 13.
*C–4652	Molar Forceps, upper or universal, No. 8.
C–4653	Molar Forceps, upper or universal, curved handles, No. 24.
C–4654	Molar Forceps, upper, right, No. 18 R.
*C–4655	Molar Forceps, upper, left, No. 18 L.
C–4656	Molar Forceps, lower, either side, beaked jaw, No. 17.
C–4657	Molar Forceps, lower, either side, plain jaw, No. 27.
*C–4658	Molar Forceps, lower, right, No. 28 R.
*C–4659	Molar Forceps, lower, left, No. 28 L.
*C–4660	Root Extractors or Elevators, ebony handle, 12 styles.
*C–4661	Root Extractors or Elevators, metal handle, 12 styles.
C–4662	Root Forceps, straight, No. 1.
*C–4663	Root Forceps, half curved, upper, No. 2.
*C–4664	Root Forceps, full curved, lower, No. 3.
C–4665	Root Forceps, upper, universal, No. 7.
C–4666	Root Forceps, upper back, bayonet, No. 35

C–4666



C–4685 C–4720 C–4698 C–4690

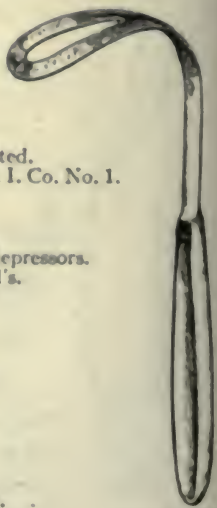
C–4700

C–4710

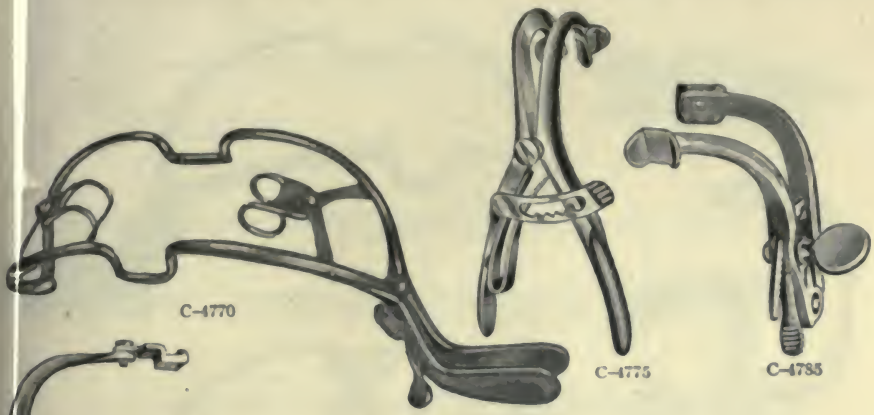
Oral Instruments

Tongue Depressors

*C–4680	**Andrew's**, steel.
C–4685	**Bosworth's.**
C–4690	**E. S. I. Co.**, electrically lighted.
*C–4691	Extra lamps for above. E. S. I. Co. No. 1.
C–4695	**Farlow's**, forged steel.
C–4698	**Fraenkel's.**
C–4700	Folding, double fenestrated.
*C–4705	**Haslam's** handle for wood depressors.
C–4710	**Hamilton's**, adult and child's.
*C–4715	**Jackson's.**
*C–4718	**Kyle's.**
C–4720	**Layman's**, 2 sizes.
*C–4725	**Pierce's**, steel.
*C–4730	**Pynchon-Andrews'**, latest.
*C–4735	**Sass'**, plain.
*C–4740	**Sass'**, fenestrated.
*C–4745	**Sawyer's.**
*C–4750	**Snowden's**, folding.
*C–4755	Wire, folding.
*C–4760	Wood Depressors, 500 in box.



C–4755



C–4770 C–4775 C–4785

C–4800 C–4780 C–4790

Throat Instruments

Mouth Gags (see also page 61)

*C–4765 **Alter-Jenning's.**
C–4770 **Dann-Jenning's,** with cheek retractors, 2 sizes.
C–4775 **Denhardt's,** steel.
*C–4776 **Denhardt's,** with anaesthesia tubes.
C–4780 **Doyen's,** with anaesthesia tubes.
*C–4781 **Doyen's,** plain.
C–4785 **Ferguson's,** steel.
*C–4786 **Ferguson-Gwathmey's,** with anaesthesia tubes.
C–4790 **French's,** steel.
C–4795 **Forgrave's,** new.
C–4800 **Green-Martin's,** latest.

C–4795

C–4820

C–4810

C–4805

C–4812

C–4825

C–4830

Throat Instruments

Mouth Gags (see also page 61)

C–4805 **Green-Sewall's**, with two tongue depressors.

*C–4806 **Green-Sewall's**, depressor with anaesthesia tube.

C–4810 **Jenning's**, 2 sizes.

*C–4811 **Jenning's**, with anaesthesia tube, 2 sizes.

C–4812 **Jenning's**, with tongue depressor, 2 sizes.

*C–4815 **Murdoch's**, steel.

C–4820 Oral screw, hard rubber.

C–4825 **Stubb's**, steel.

C–4830 **Whitehead's**, plain, 2 sizes.

*C–4831 **Whitehead's**, with tongue depressor, 2 sizes.

*C–4832 **Whitehead's**, with handles at both ends.

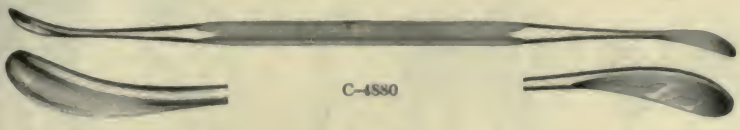
Uvula Retractors and Scissors

*C–4840 **Hind's** Retractor.

*C–4845 **Roe's** Retractor.

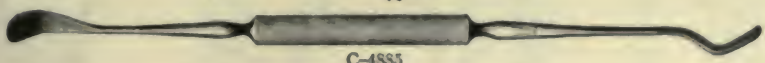
*C–4850 **White's** Self-retaining Retractor.

*C–4855 **Wood's** Uvula Scissors.

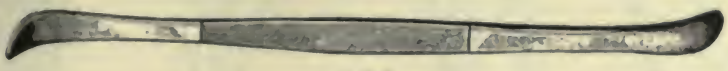


C–4880

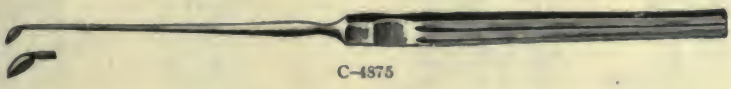
2/5



C–4885

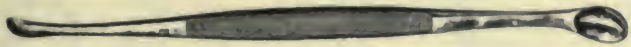


C–4950

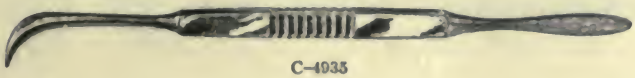


C–4875

C–4910



C–4925



C–4935

C–4955-4956

C–4930

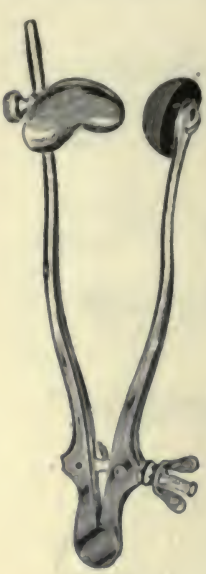
C–4905

Tonsil Curettes

*C–4870 **Abraham's.**
*C–4875 **Meierhof's.**

Tonsil Dissectors

C–4880 **Allerdyce's,** double ended.
C–4885 **Carpenter's,** double ended, latest model.
*C–4890 **Cullom's,** double ended, right and left.
*C–4895 **Dickinson's,** dissector.
*C–4900 **Freer's,** pillar separator.
C–4905 **Harris',** dissector and knife.
C–4910 **Hurd's,** dissector and pillar retractor.
*C–4915 **Lynch's,** dissector.
*C–4920 **Martin's,** double ended, blades serrated on one side.
C–4925 **McWhinnie's,** dissector and spoon.
C–4930 **Millette's,** dissector and knife.
C–4935 **Smith's,** double ended.
*C–4940 **Tivnen's,** dissector and enucleator.
*C–4945 **Todd's,** dissector.
C–4950 **Winkler's,** enucleator.
C–4955 **Yankauer's,** large.
C–4956 **Yankauer's,** small.

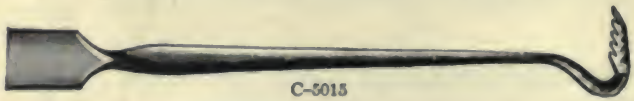


C–4975

C–4980

C–5000

C–4995



C–5015

C–5010 C–5005

Tonsil Haemostats

*C–4970 **Beck's**, with inner blade arranged to hold gauze pad.
C–4975 **Boettcher's.**
C–4980 **Corwin's**, with spring clamps to hold gauze pad.
*C–4985 **Cullom's**, with clamp to hold gauze pad on inner blade.
*C–4990 **Good's**, self-adjustable.
C–4995 **Mickulicz-Stoerck's.**
C–5000 **Tivnen's**, pad of aluminum.

Tonsil Hooks

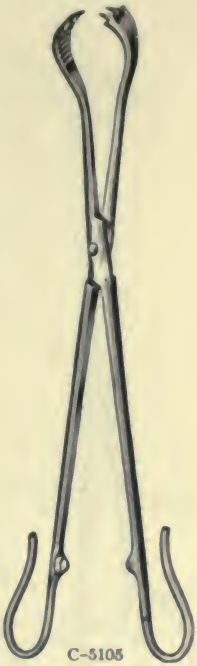
C–5005 **Boettcher's**, double.
C–5010 **Carter's**, tenaculum.
C–5015 **Dickinson's**, retractor.
*C–5020 **Dickinson's**, tenaculum, 3 prong.
*C–5025 **Jackson's**, slitter.
*C–5030 **Lewis'**, screw.
*C–5035 **Pierce's**, tonsil hook.
*C–5040 Plain, single, sharp.
*C–5045 Plain, single, blunt.
*C–5046 Plain, double, sharp.
*C–5050 **Pond's**, dissecting.
C–5055 **Schmidt's**, splitter, bent on flat.
C–5056 **Schmidt's**, splitter, bent on edge.

C–5055 C–5056

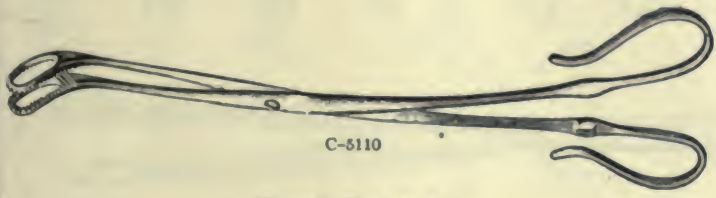
C-5075

C-5081

C-5095



C-5105

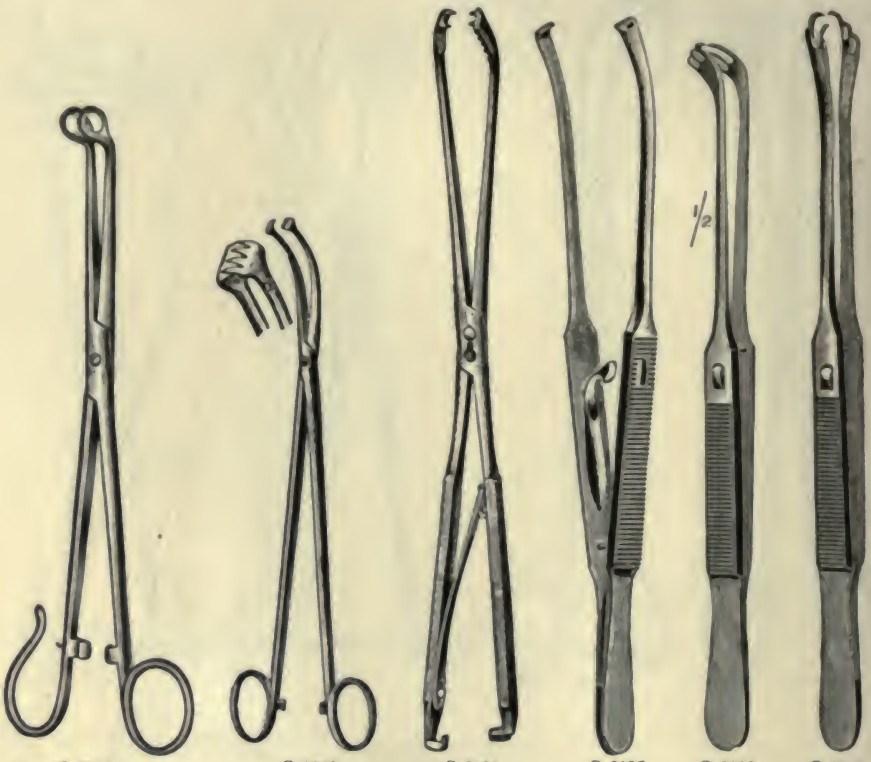


C-5110

C-5100

Tonsil Forceps

*C-5070	**Abraham's.**
*C-5075	**Andrews'**, 2 closed rings.
C-5076	**Andrews'**, 1 open ring.
*C-5080	**Ballenger's**, 2 closed rings.
C-5081	**Ballenger's**, 1 open ring.
*C-5085	**Casselberry's**, 1 open ring.
*C-5090	**Cullom's.**
C-5095	**Eve's.**
C-5105	**Lynch's**, 2 open rings.
C-5110	**Royce's**, seizing.
*C-5111	**Royce's**, haemostat and sponge holding.
C-5100	**Kean's**, new.



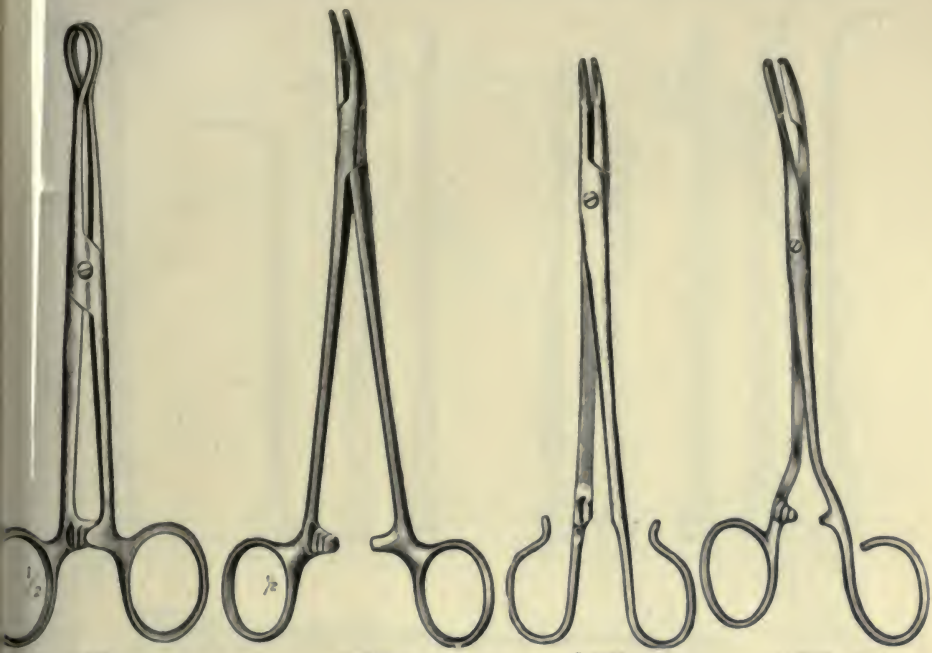
C-5145 C-5150 C-5130 C-5135 C-5115 C-5155

C-5140

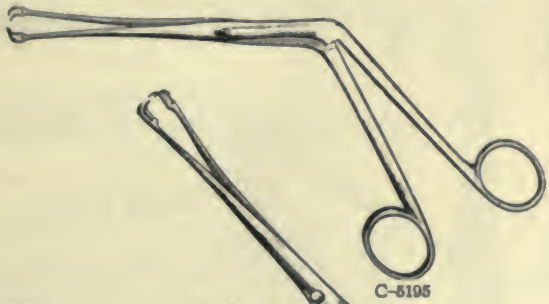
C-5120

Tonsil Forceps

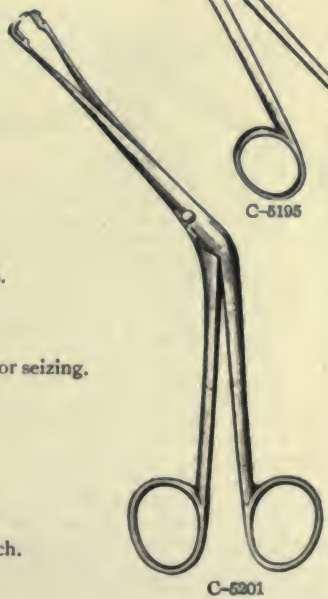
C-5115 Lerche's.
C-5120 Tiunen's, angular.
*C-5125 Pynchon's, spring handles.
C-5130 Richard's.
C-5135 Robertson's.
C-5140 Swan's.
C-5145 Todd's.
C-5150 White's.
C-5155 Yankauer's.



C-5160 C-5185 C-5180 C-5175



C-5195



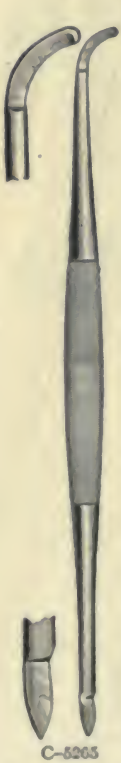
C-5201

Tonsil Forceps

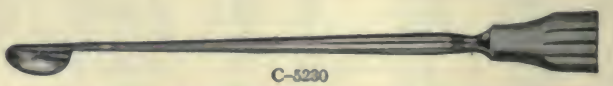
C-5160 **Ballenger's,** sponge holding, 7 inches.
*C-5165 **Boettcher's,** angular, seizing.
*C-5170 **Howe's,** tonsil haemostat.
C-5175 **Mickulicz-Pierce's** tonsil haemostat or seizing.
C-5180 **Sawtelle's** tonsil haemostat.
C-5185 **Schnidt's,** tonsil haemostat.
*C-5190 **Moraweck's,** tonsil seizing.
C-5195 **Tyding's,** tonsil seizing.
*C-5200 **Watson's,** tonsil seizing, with catch.
C-5201 **Watson's,** tonsil seizing, without catch.

C-5220 C-5221 C-5280 C-5246 C-5226 C-5227 C-5285 C-5270 C-5290

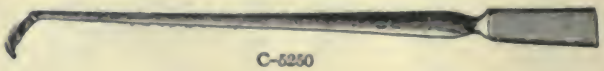
C-5275



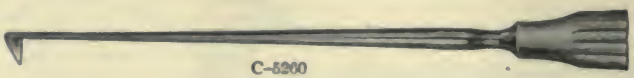
C-5265



C-5230



C-5250

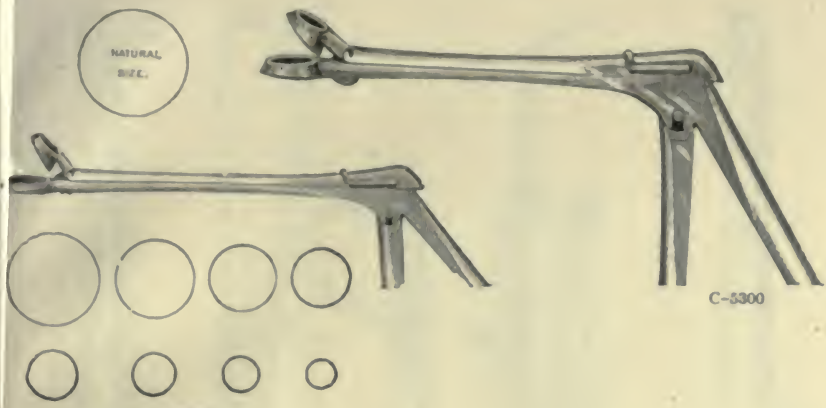


C-5260

C-5255

Tonsil Knives

C-5220 **Abraham's.**
C-5221 **Abraham's,** curved, double edge.
*C-5225 **Allport's,** curved, single wave edge.
C-5226 **Allport's,** curved, triple wave edge.
C-5227 **Allport's,** curved, quadruple wave edge.
C-5230 **Ballenger's,** pillar, large and small.
*C-5235 **Beck's,** scalpel.
*C-5240 **Bistoury,** curved, probe pointed.
*C-5245 **Dean's,** straight, double edge.
C-5246 **Dean's,** angled on flat, double edge.
C-5250 **Douglass'.**
C-5255 **Freer's,** curved, right and left.
*C-5256 **Freer's,** pillar, angled on flat, large, 9½ inches long.
*C-5257 **Freer's,** pillar, angled on flat, narrow.
C-5260 **Kyle's,** crypta.
C-5265 **Lothrop's,** double.
C-5270 **Leland's,** right and left.
C-5275 **Pierce's,** dissecting, curved, small and large.
C-5280 **Robertson's,** curved, double edge.
C-5285 **Swan's,** right angled, wave edge.
*C-5286 **Swan's,** curved, wave edge.
C-5290 **Tyding's,** curved on edge.



C-5300

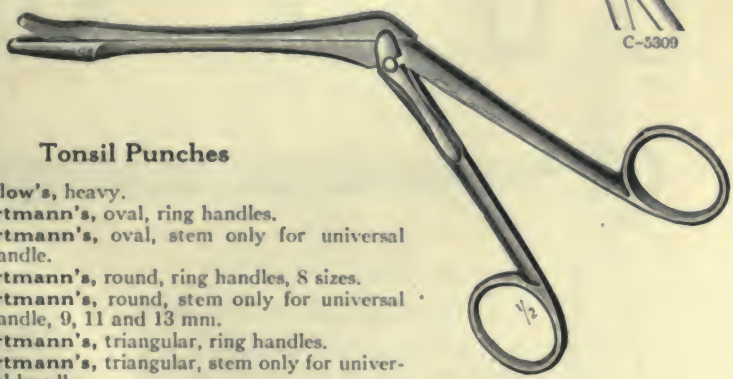
C-5307

C-5305

C-5305

C-5309

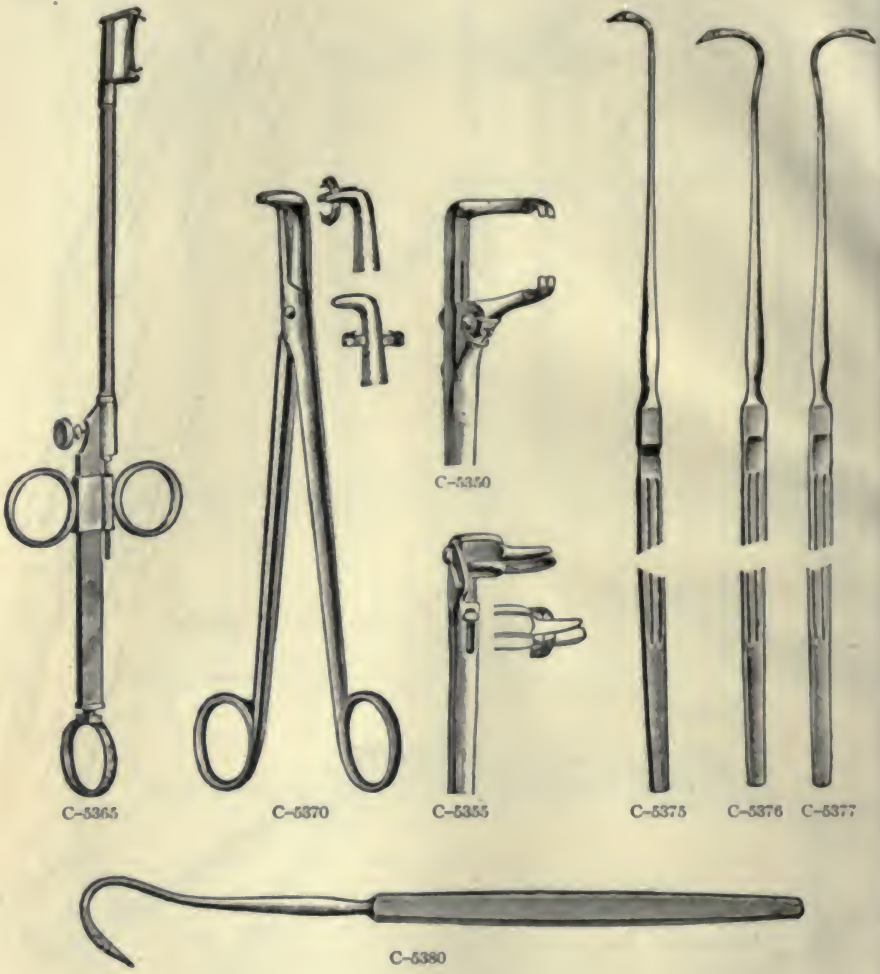
C-5309



C-5315

Tonsil Punches

C-5300 **Farlow's,** heavy.
C-5305 **Hartmann's,** oval, ring handles.
*C-5306 **Hartmann's,** oval, stem only for universal handle.
C-5307 **Hartmann's,** round, ring handles, 8 sizes.
*C-5308 **Hartmann's,** round, stem only for universal handle, 9, 11 and 13 mm.
C-5309 **Hartmann's,** triangular, ring handles.
*C-5310 **Hartmann's,** triangular, stem only for universal handle.
C-5315 **Myles',** straight, ring handles.
*C-5316 **Myles',** straight, stem only for universal handle.
*C-5317 **Myles',** right and left, ring handles.
*C-5318 **Myles',** right and left, stem only for universal handle.
*C-5320 **Rhodes'.**
*C-5325 **Robert's,** latest, with claws, small and large.
*C-5326 **Robert's,** latest, with claws, stem only for universal handle, large and small.
*C-5330 **Rualt's,** with large blade cutting up or cutting down.
*C-5335 Universal handle to fit above stems.



Tonsil Suture Instruments

C-5350	Applicator, for applying **Michel's** sutures.
C-5355	Remover, for removing **Michel's** sutures.
*C-5360	Universal Handle, fitting above blades.
C-5365	Applicator, **Wagner's,** for applying **Michel's** sutures.
C-5370	Forceps, **Wagner's,** for removing **Michel's** sutures.
C-5375	Needle, **Durham's,** right angled.
C-5376	Needle, **Durham's,** curved to right.
C-5377	Needle, **Durham's,** curved to left.
C-5380	Needles, **MacCuen Smith's.**
*C-5385	Needles, **McReynold's,** full curved.
*C-5386	Needle Holder, **McReynold's.**

C-5400

C-5405

C-5415

C-5430

C-5455

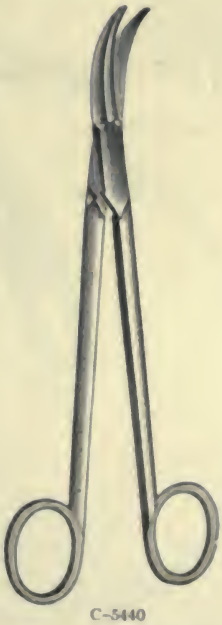
Tonsil Scissors

C-5400	**Boetcher's,** curved on flat.
*C-5402	**Craig's.**
C-5405	**Dean's.**
*C-5410	**Good's,** latest serrated handles.
C-5415	**Griffin's,** curved on flat, correct model.
*C-5420	**Kirkpatrick's,** curved to right, serrated edge.
*C-5421	**Kirkpatrick's,** curved to left, serrated edge.
*C-5425	**Maclay's,** latest.
C-5430	**Metzenbaum's,** 7 inches.
C-5440	**Prince's,** curved on flat.
*C-5445	**Robertson's,** curved to right.
*C-5446	**Robertson's,** curved to left.
*C-5450	**Windle's.**
C-5455	**Yankauer's,** curved on flat, serrated edge.

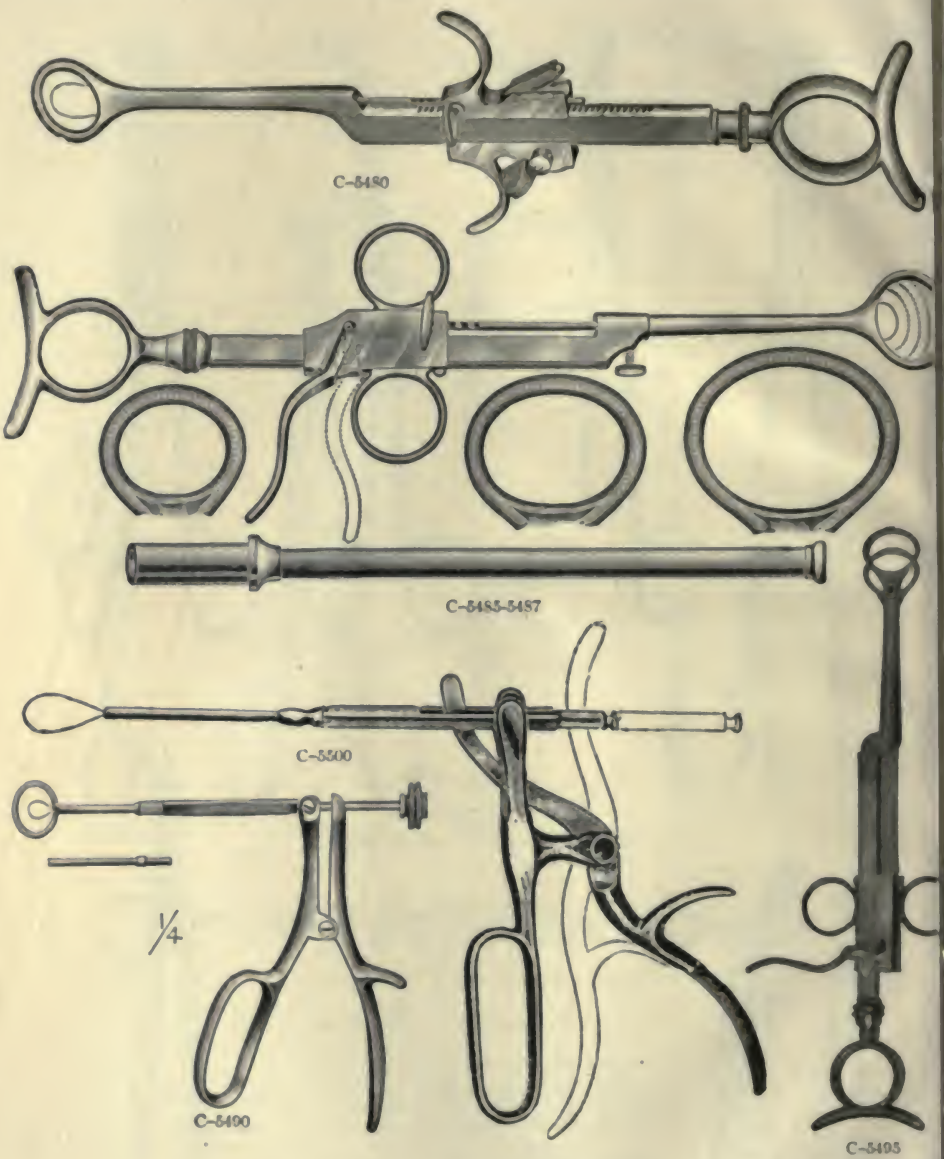
Tonsil Suction Apparatus

*C-5465 **Muck's.**

Tonsil Syringes and Needles
(See page 24)

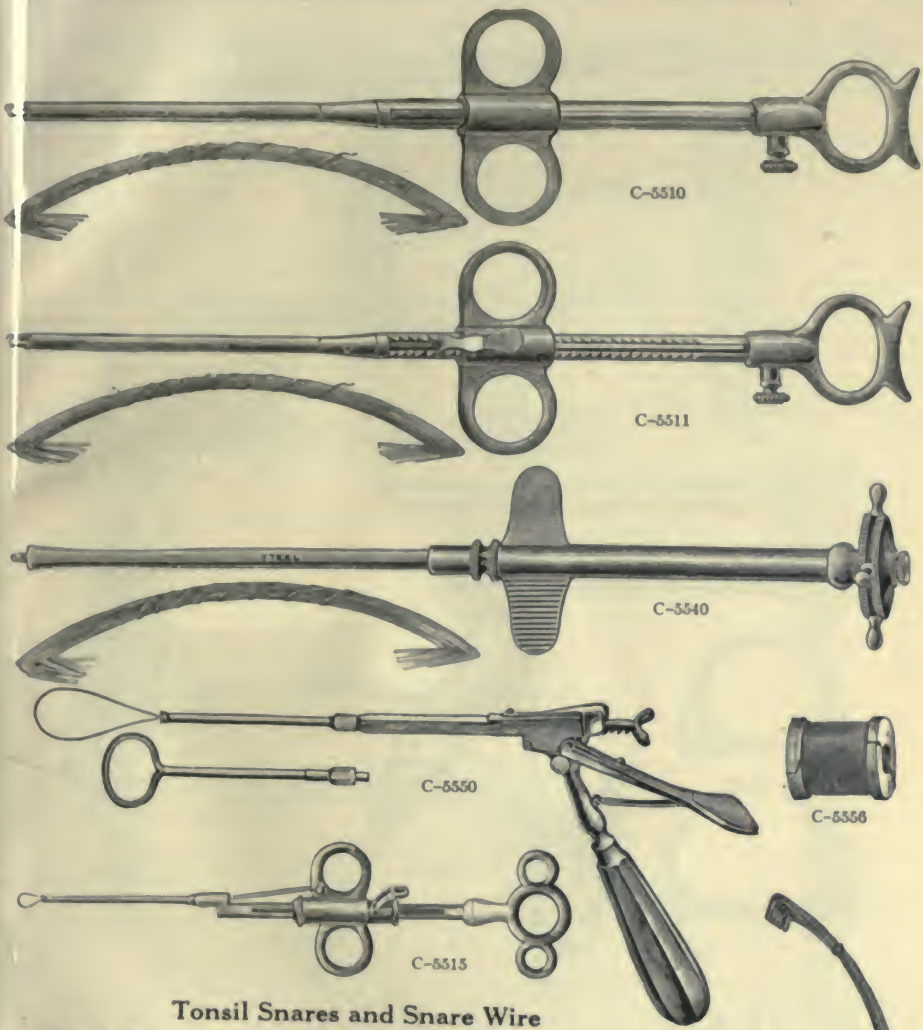


C-5440



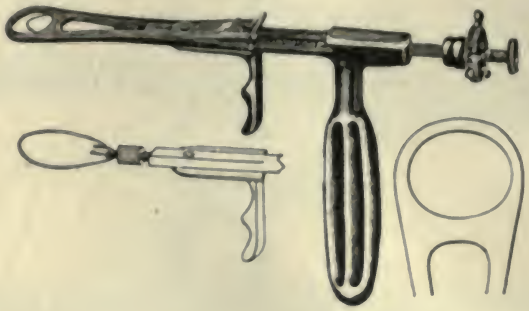
Tonsil Snares and Tonsilectomes

C-5480 **Beck's,** original tonsilectome.
C-5485 **Beck-Schenck's,** with 1 Vedder tip.
C-5486 **Beck-Schenck's,** with 1 Vedder and 1 straight tip.
C-5487 **Beck-Schenck's,** with 3 Vedder and 1 straight tip.
C-5490 **Brown's,** with 1 Vedder and 1 straight tip.
C-5495 **Churchman-Beck's.**
C-5500 **Tyding's** Snare.

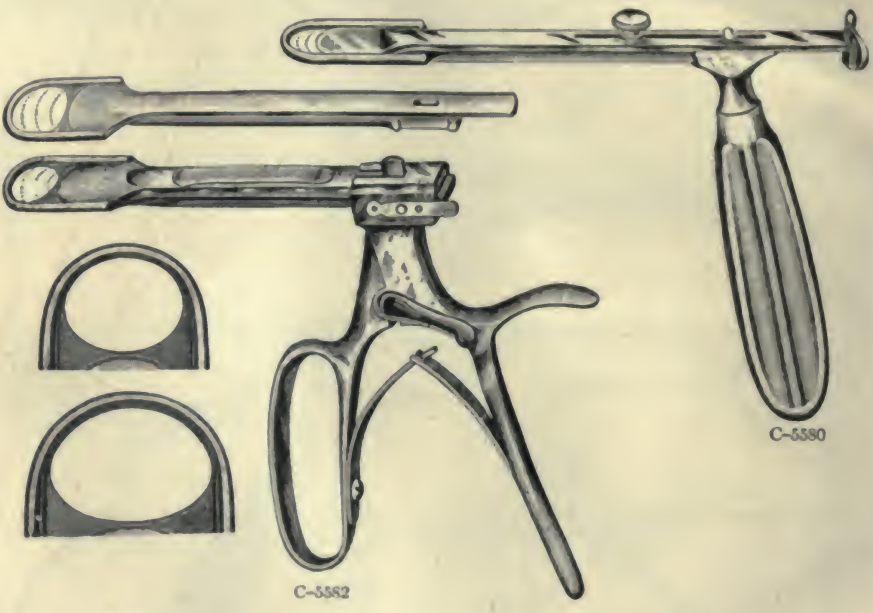


Tonsil Snares and Snare Wire

C-5510 **Eve's**, with 12 wires.
C-5511 **Eve's**, with ratchet, with 12 wires.
*C-5512 **Eve's**, with Vedder tip, with 12 wires.
C-5515 **Farlow's**, original model.
*C-5520 **Farlow-Boettcher's.**
*C-5525 **Hill's.**
*C-5530 **Lewis'.**
*C-5535 **Sloane's.**
C-5540 **Smith's.**
*C-5545 **Watson's.**
C-5550 **Wright's.**
C-5555 Snare Wires, shaped for stilette.
C-5556 Snare Wire, on spool.
*C-5557 Snare Wire, in ¼ pound coils, Nos. 5 to 8.
*C-5558 Snare Wire Loops, Yankauer's twisted.
*C-5559 Snare Wire Loops, twisted, for use without stilette.



C-5570



C-5580

C-5582

C-5575

Tonsilectomes and Tonsil Guillotines

C-5570 **Baum's** Tonsilectome, improved.

C-5575 **LaForce's** Hemostatic Guillotine, with detachable handle.

C-5580 **Sluder's** Tonsil Guillotine, small and large.

*C-5581 **Sluder-Arrowsmith's,** same as Sluder's, but with round openings in blades, small and large.

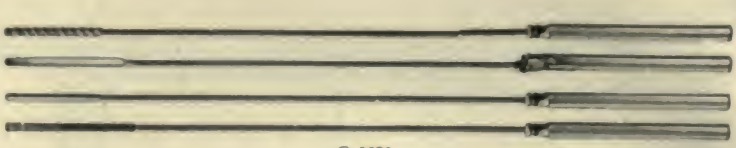
C-5582 **Sluder-Ballenger's** Tonsil Guillotine, with 2 blades in universal handle.

Tonsil Guillotines

C-5585 **Demarest-Sluder's** Guillotine, with force cam.
C-5590 **Sluder-Richter's** Guillotine, with force lever.
*C-5587 **Douglass'** Hemostatic Guillotine.

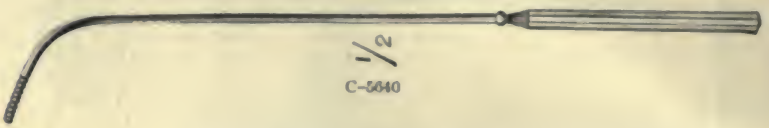
Tonsilotomes

*C-5600 **Mathieu's**, original, 4 sizes.
*C-5601 **Mathieu's**, improved, 4 sizes.
C-5605 **McKenzie's**, 4 sizes.
*C-5606 **McKenzie's**, reversible, 4 sizes.
*C-5607 **McKenzie-Quinlan's**, reversible, 4 sizes.
C-5610 **Myles'**, lingual, 2 sizes.
C-5615 Simplex, 4 sizes.

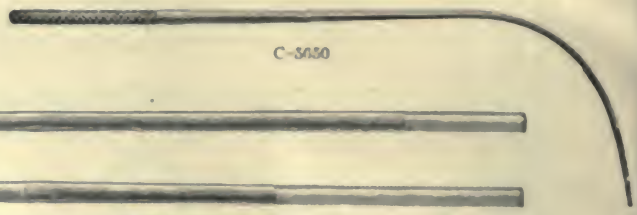


C-5630

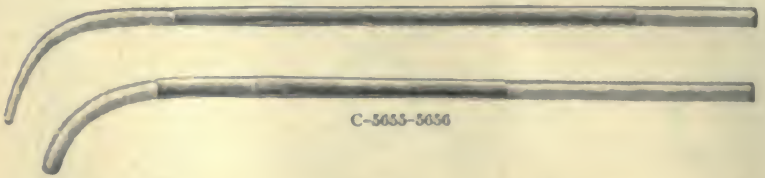
C-5635



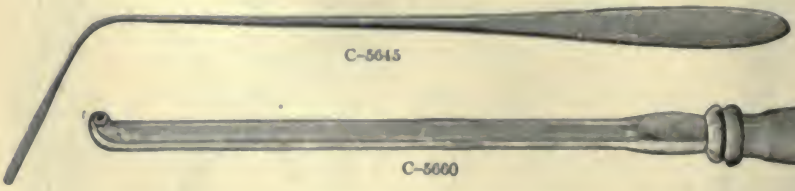
C-5640



C-5650



C-5655-5656



C-5645

C-5660

Laryngeal Applicators

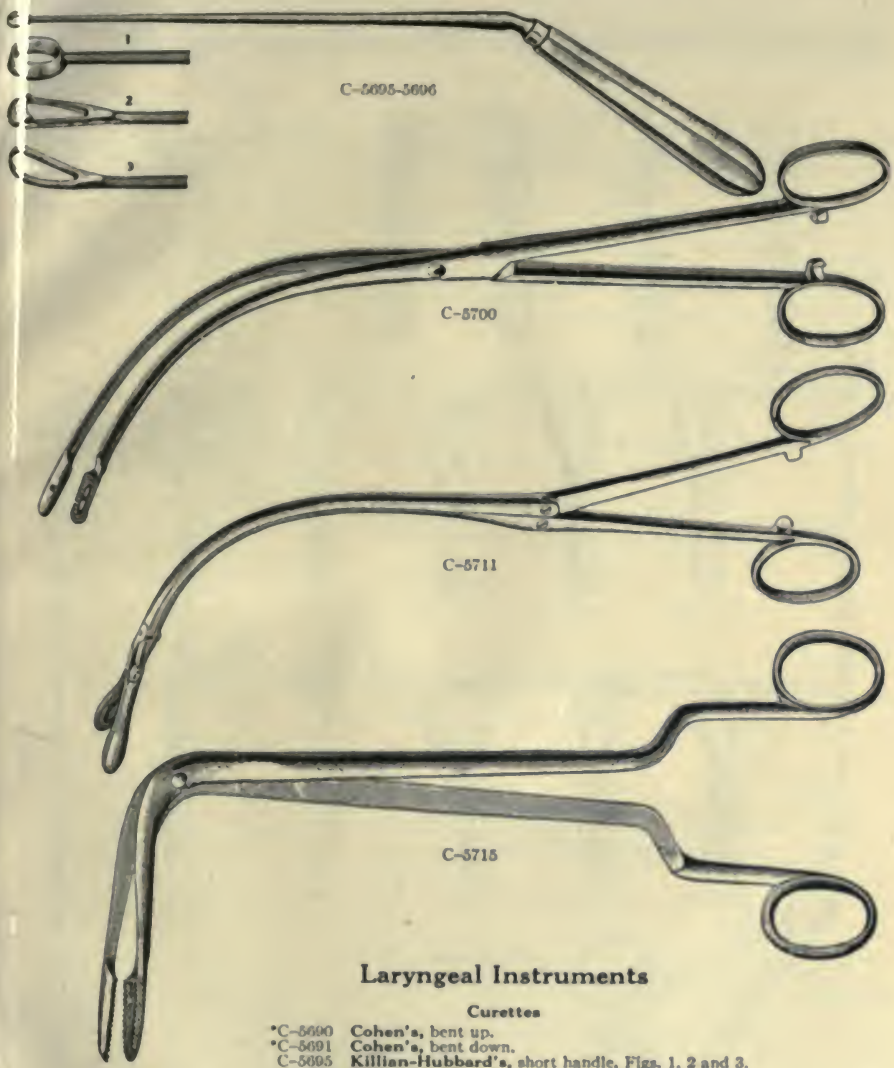
C-5665

C-5630 Plain, plated or aluminum, flat end, rough end, triangular end or spiral end.
C-5635 Plain, handle with chuck end and 100 removable wire stems.
C-5640 Plain, curved, steel, spiral end.
C-5645 **Fraenkel's.**
C-5650 **Ivan's,** all steel.
C-5655 **Pynchon's,** aluminum, heavy, long.
C-5656 **Pynchon's,** aluminum, heavy, short.
C-5660 **Yankauer's** Medicator, glass.

Laryngeal Syringes (see also page 24)

C-5665 **Brown's,** with 4 silver tubes in metal case.
C-5670 **Muir's,** with flexible laryngeal tip.

C-5670



Laryngeal Instruments

Curettes

*C-5690 **Cohen's**, bent up.
*C-5691 **Cohen's**, bent down.
C-5695 **Killian-Hubbard's**, short handle, Figs. 1, 2 and 3.
C-5696 **Killian-Hubbard's**, long handle, Figs. 1, 2 and 3.
*C-5698 **Krause's**, antero posterior.
*C-5699 **Krause's**, lateral, right and left.

Forceps

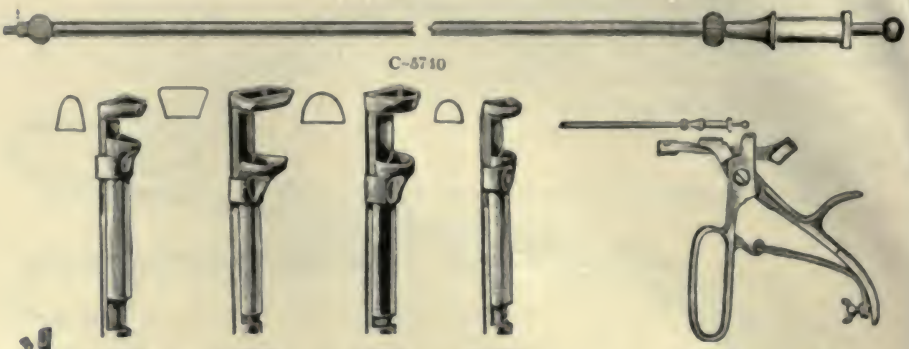
C-5700 **Fauvel's**, grasping, lateral, 4 sizes.
*C-5705 **Garrigue's**, applicating.
*C-5710 **Luer's**, grasping, antero posterior.
C-5711 **Luer's**, grasping, lateral.
C-5715 **McKenzie's**, grasping, antero posterior.
*C-5716 **McKenzie's**, grasping, lateral.

Knives

*C-5720 **Tobold's**, spear shaped.
*C-5721 **Tobold's**, convex blade.
*C-5722 **Tobold's**, concave blade.

Snares

*C-5725 **Krause's**, with universal handle.

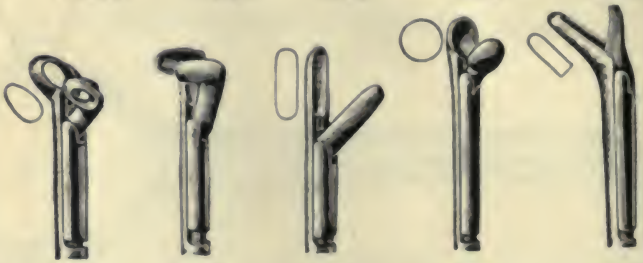


C-5740

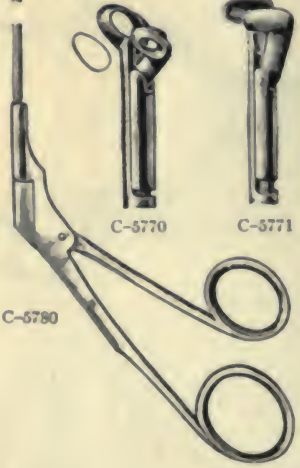
C-5753 C-5750 C-5751 C-5752

C-5735

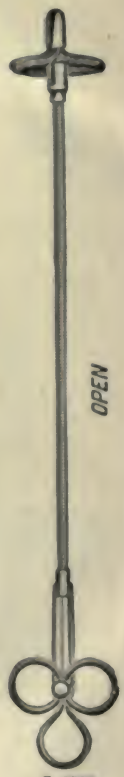
C-5745 C-5746 C-5747 C-5765 C-5766



C-5770 C-5771 C-5755 C-5760 C-5775



C-5780



OPEN

C-5790

Laryngeal Instruments

C-5735 Universal Handle, only.
C-5740 Straight Canulae, 8, 16 and 22 inches.
*C-5741 Curved Canulae, for laryngeal work.

Forceps Tips for Stems

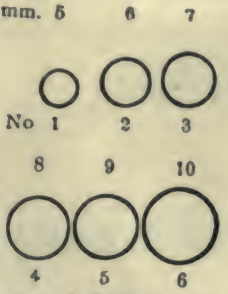
C-5745 Grasping, straight, serrated.
C-5746 Grasping, straight, mouse toothed.
C-5747 Grasping, angular bent, serrated.
C-5750 **Corde's**, curette, for posterior wall
C-5751 **Corde's**, curette, for large growths.
C-5752 **Corde's**, curette, for singers' nodes.
C-5753 **Corde's**, curette, for growths of inferior commissure.
C-5755 **Frankel's**, cutting.
C-5760 **Killian's**, cutting.
C-5765 **Krause's**, punch, oval.
C-5766 **Krause's**, punch, square.
C-5770 **Scheinemann's**, punch, subglottis.
C-5771 **Scheinemann's**, cutting, subglottis.
C-5775 **Struycken's**, punch.
C-5780 **Jackson's**, cutting, with 1 canulae 8, 16, or 22 inches long, and 1 cutting tip.

Foreign Body Instruments

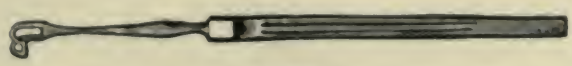
*C-5785 Coin Catcher.
*C-5786 Coin Catcher, with sponge probang, hinged.
C-5790 Probang, Haslam's, bristle, all metal, spiral aspetic.
*C-5791 Probang Bristles, Haslam's.

C-5855-5856

C-5861-5863



Scale, Giving Diameters of Trachea Tubes

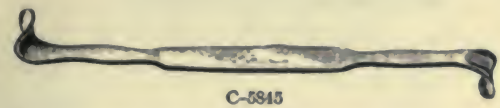


C-5820

C-5825

C-5827

C-5829



C-5845

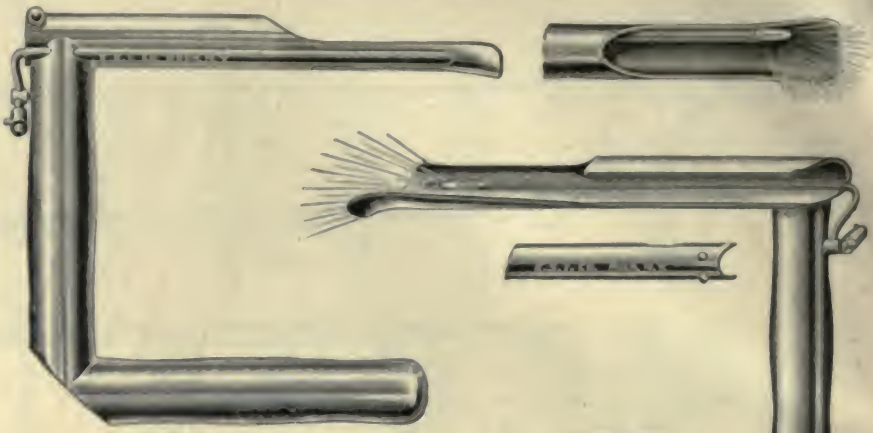
C-5835

C-5805

Tracheal Instruments

*C-5800 Dilator, **Laborde's.**
C-5805 Dilator, **Trousseau's.**
*C-5810 Forceps, **Collin's,** for removing foreign bodies.
*C-5815 Forceps, **Mathieu's,** for removing foreign bodies.
C-5820 Retractor, **Belajew's.**
C-5825 Retractor, hook, single, blunt.
*C-5826 Retractor, hook, single, sharp.
C-5827 Retractor, hook, double, blunt.
*C-5828 Retractor, hook, double, sharp.
C-5829 Retractor, hook, triple, blunt.
*C-5830 Retractor, hook, triple, sharp.
C-5835 Retractor, **Hupp's.**
*C-5840 Retractor, **Luer's,** double, blunt.
C-5845 Retractor, **Rose's,** double, blunt.
C-5850 Tracheatome, Haslam's, 5 sizes, in case.
*C-5851 Tracheatome, Haslam's, 3 sizes, in case.
*C-5852 Tracheatome, Haslam's, 1 size, in case.
C-5855 Trachea Tubes, **Chevalier-Jackson's,** plated, No. 1 to 6.
C-5856 Trachea Tubes, **Chevalier-Jackson's,** silver, No. 1 to 6.
*C-5860 Trachea Tubes, **Luer's,** double, hard rubber, 6 sizes.
C-5861 Trachea Tubes, **Luer's,** double, silver plated, No. 1 to 6.
C-5862 Trachea Tubes, **Luer's,** aluminum, 8 sizes.
C-5863 Trachea Tubes, **Luer's,** double, silver, No. 1 to 6.

Laryngoscopic, Bronchoscopic, Esophagoscopic and Gastroscopic Instruments



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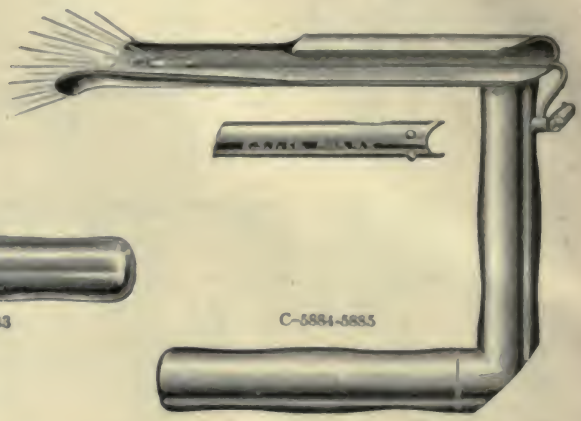

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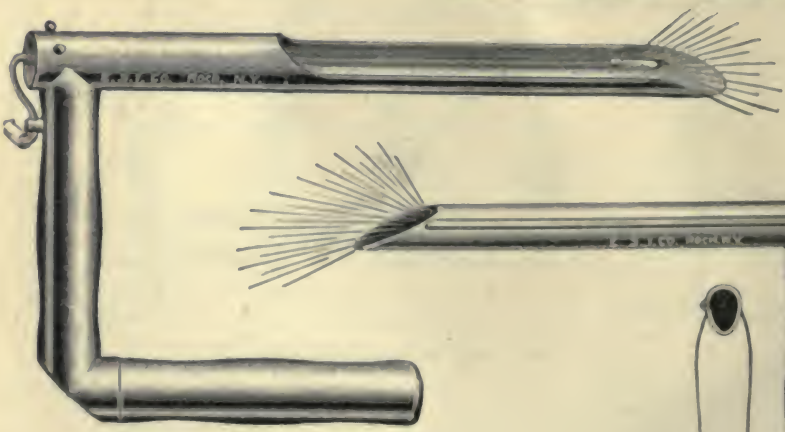

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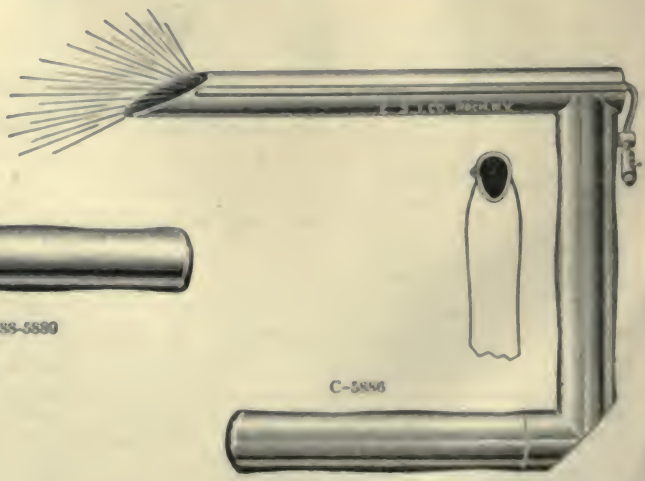
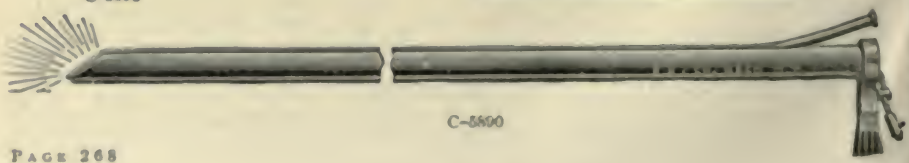


C-5886

C-5896



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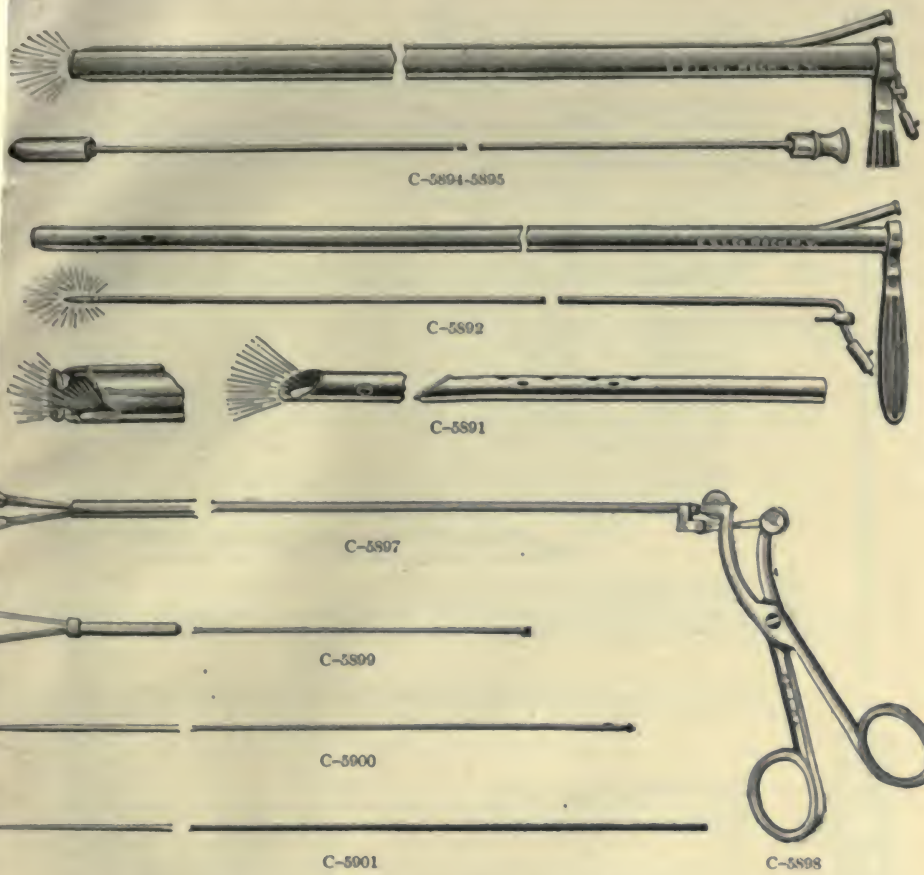


Instruments for Direct Laryngoscopy, Bronchoscopy, Esophagoscopy and Gastroscopy

The designs for these instruments were furnished by **Dr. Chevalier Jackson,** and **are only** made for him and under his directions by the **Electro Surgical Instrument Company of Rochester, N. Y.**

*C-5880 Lamp and Carrier for **Jackson's** tubes.

*C-5881 Aspirator, **Jackson's,** for secretions, with all metal suction pump.

C-5882 Laryngeal Speculum, **Jackson's,** No. 7, with slide (adult).

C-5883 Laryngeal Speculum, **Jackson's,** No. 8, with slide (child's).

C-5884 Laryngeal Speculum, **Jackson's,** oval slide (adult).

C-5885 Laryngeal Speculum, **Jackson's,** oval slide (child's).

C-5886 Laryngeal Speculum, **Jackson's,** anterior commissure.

*C-5887 Laryngeal Speculum, **Johnston's.**

C-5888 Esophageal Speculum, **Jackson's** (adult).

C-5889 Esophageal Speculum, **Jackson's** (child's).

C-5890 Esophagoscope, **Jackson's,** slanted end, without obturator, with auxiliary drainage tube, No. 1 (adult); No. 2 (child's).

C-5891 Bronchoscope, **Jackson's,** slanted end, without obturator, without auxiliary drainage tube, No. 3 (adult); No. 4 (adolescent); No. 5 (child's); No. 6 (infant's).

C-5892 Bronchoscope, **Jackson's,** blunt end, with auxiliary drainage tube, 7 mm. by 45 cm., 5 mm. by 45 cm., 5 mm. by 30 cm.

*C-5893 Bronchoscope, **Jackson's,** modified by **Dr. D. Braden Kyle,** with long and short light carriers, 7 mm. by 40 cm.

C-5894 Gastroscope, **Jackson's,** for ordinary cases, 10 mm. by 70 cm.

C-5895 Gastroscope, **Jackson's,** for extreme cases of gastroptosis, 10 mm. by 80 cm.

C-5896 Window Plug, for **Jackson's** Esophagoscope and Gastroscope, used by **Dr. Mosher** for ballooning oesophagus or stomach.

C-5897 **Jackson's** Forceps, 36, 60 and 85 cm.

C-5898 **Jackson's** Two Ring Handle, interchangeable.

C-5899 **Jackson's** Cotton Carrier, 36, 60 and 85 cm.

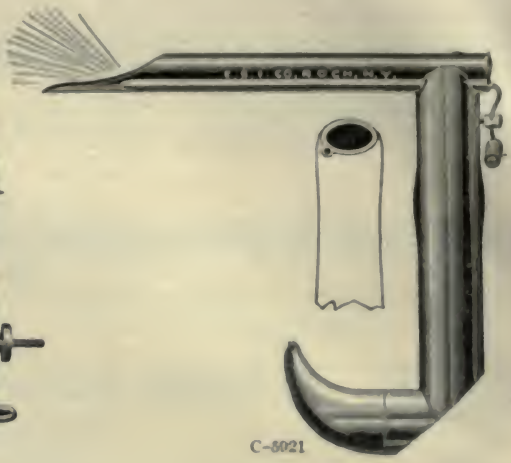
C-5900 **Jackson's** Hook, 36, 60 and 85 cm.

C-5901 **Jackson's** Probe, 36, 60 and 85 cm.

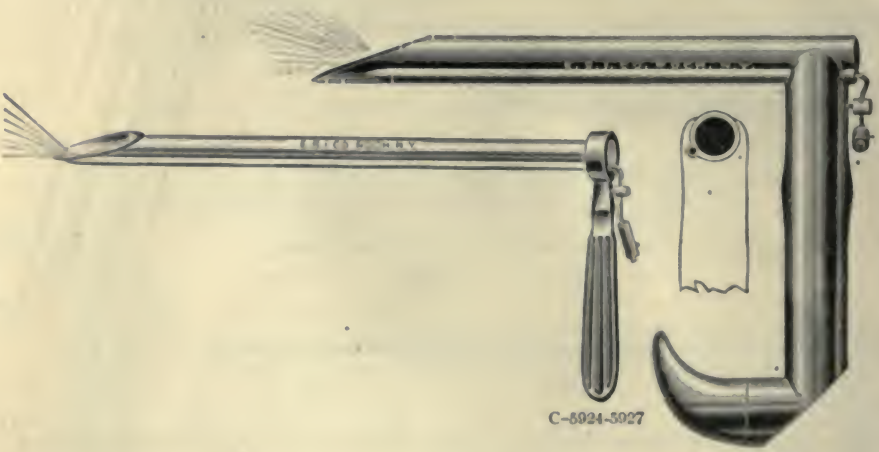
*C-5902 **Jackson's** Drainage Tube, 36, 60 and 85 cm.

*C-5903 Extra lamps for light carriers, **E. S. I. Co.** No. 2.

C-5920



C-5921



C-5924-5927

C-5923

C-5920 **Lynah's** Intubation Speculum, with 3 blades, 14½, 12½ and 10½ cm.

C-5921 **Lynah's** Ovoid Laryngeal Speculum, size, 14 mm. x 11 mm. x 14 cm.

*C-5922 **Lynah's** Oesophageal Speculum, same as C-5921, except size; child size, 14 mm. x 10 mm. x 18 cm.; adult size, 16 mm. x 12 mm. x 25 cm.

C-5923 **Lynah's** Anterior Commissure Laryngoscope, size, 14 mm. x 18 cm.

C-5924 **Lynah's** Bronchoscope, adult size, 9 mm x 40 cm.

C-5925 **Lynah's** Bronchoscope, adolescent size, 7 mm x 40 cm.

C-5926 **Lynah's** Bronchoscope, child size, 5 mm x 30 cm.

C-5927 **Lynah's** Bronchoscope, infant size, 4 mm x 30 cm.

*C-5928 **Lynah's** Oesophagoscope, adult size, 10 mm x 53 cm.

*C-5929 **Lynah's** Oesophagoscope, child size, 7 mm x 45 cm.

*C-5930 **Lynah's** Tracheascope, adult size, 9 mm x 22 cm.

*C-5931 **Lynah's** Tracheascope, adolescent size, 7 mm x 22 cm.

*C-5932 **Lynah's** Tracheascope, child size, 5 mm x 22 cm.

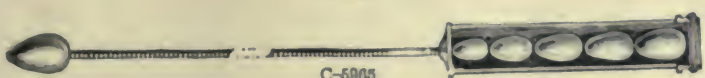
Dr. Lynah's instruments are the latest devices in the bronchoscopic field. They are made exclusively by the **Electro Surgical Instrument Co.**, Rochester, N. Y.

Illustrated descriptive pamphlet furnished upon request.

C-5955-5956

C-5960

C-5961



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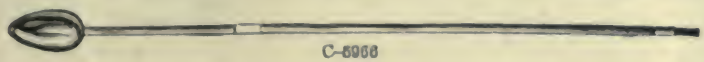

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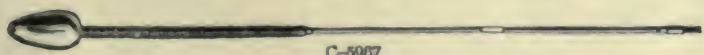


C-5967

C-5968

Intubation Sets

*C-5950	**Ferroud-Thorner's,** with 1 handle, in metal case.
*C-5951	**Ferroud-Thorner's,** with 2 handles, in metal case
*C-5952	**Ferroud-Thorner's,** with 3 handles, in metal case.
C-5955	**O'Dwyer's,** with hard rubber covered tubes.
C-5956	**O'Dwyer's,** with gold-plated tubes.

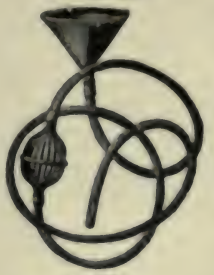
Esophageal Bougies and Dilators

C-5960	Cylindrical Bougies, French, best quality, 16 to 30 Fr. in even numbers.
C-5961	Olive Point Bougies, French, best quality, 16 to 30 Fr. in even numbers.
C-5965	**Trousseau's** Dilator, spiral stem, 6 metal olives.
C-5966	**Trousseau's** Dilator, oval metal stem, 6 metal olives.
C-5967	**Trousseau's** Dilator, Douglass' stem, 6 metal olives.
C-5968	**Trousseau's** Dilator, whalebone stem, 6 hard rubber olives.

Open End

Closed End

C-5980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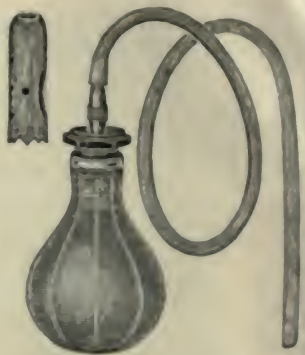
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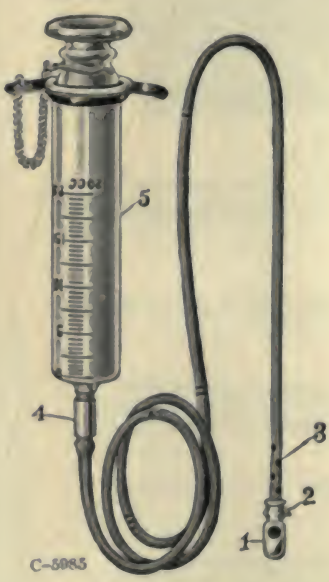

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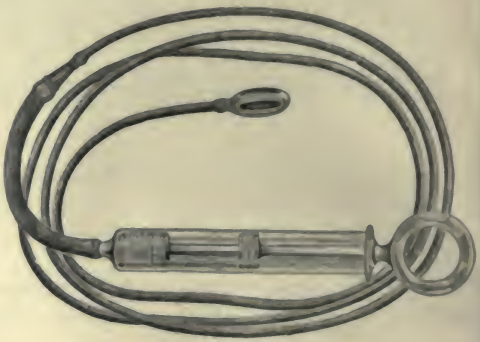
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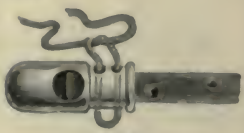
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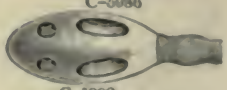
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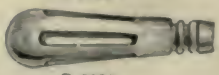
C-5994

C-5998

C-5987

C-5996

Stomach Tubes

C-5975	**Ewald's** Aspirator.
C-5976	**Ewald's** Tube, only, 24 inches.
C-5980	Soft rubber with funnel, 60 inches; 3 sizes, open or closed end.
C-5981	Soft rubber with bulb and funnel, 60 inches; 3 sizes, open or closed end.
*C-5982	Soft rubber, **Paine's** Nasal Feeding Tubes.

Duodenal Outfits and Tips

C-5985	**Buckstein's**, complete with syringe or without syringe.
C-5986	**Buckstein's**, tip only.
C-5987	**Einhorn's**, tip only.
*C-5988	**Kanavel's**, complete with syringe or without syringe.
C-5989	**Kanavel's**, tip only.
*C-5991	**Jutte's**, complete.
*C-5993	**Lyons'**, complete with syringe or without syringe.
C-5994	**Lyons'**, tip only.
*C-5995	**Palefski's**, complete with syringe or without syringe.
C-5996	**Palefski's**, tip only.
C-5997	**Rehfuss'**, complete with syringe or without syringe.
C-5998	**Rehfuss'**, tip only.
*C-5999	X-Ray Duodenal Tubes, French, gum elastic.

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